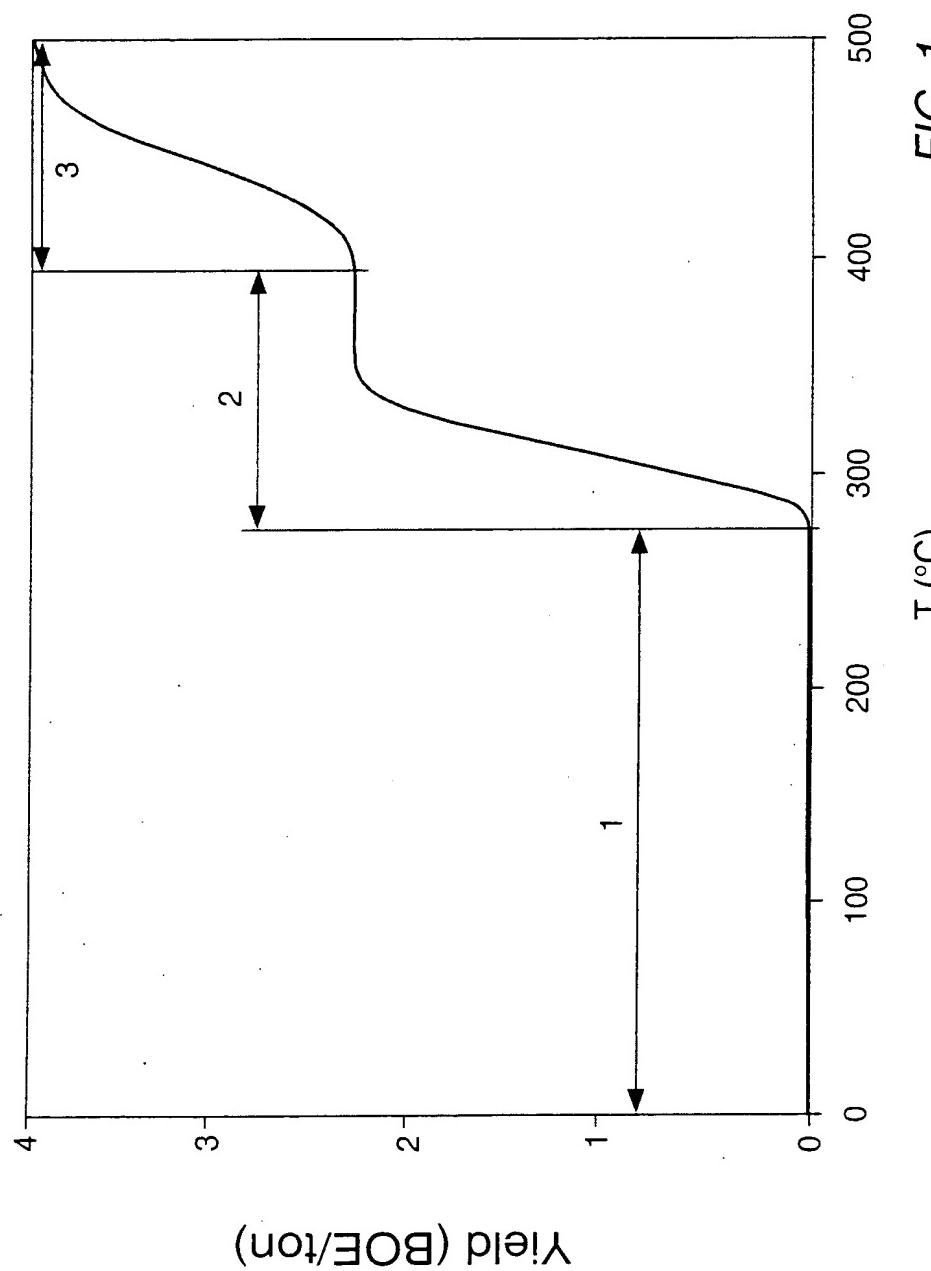


FIG. 1



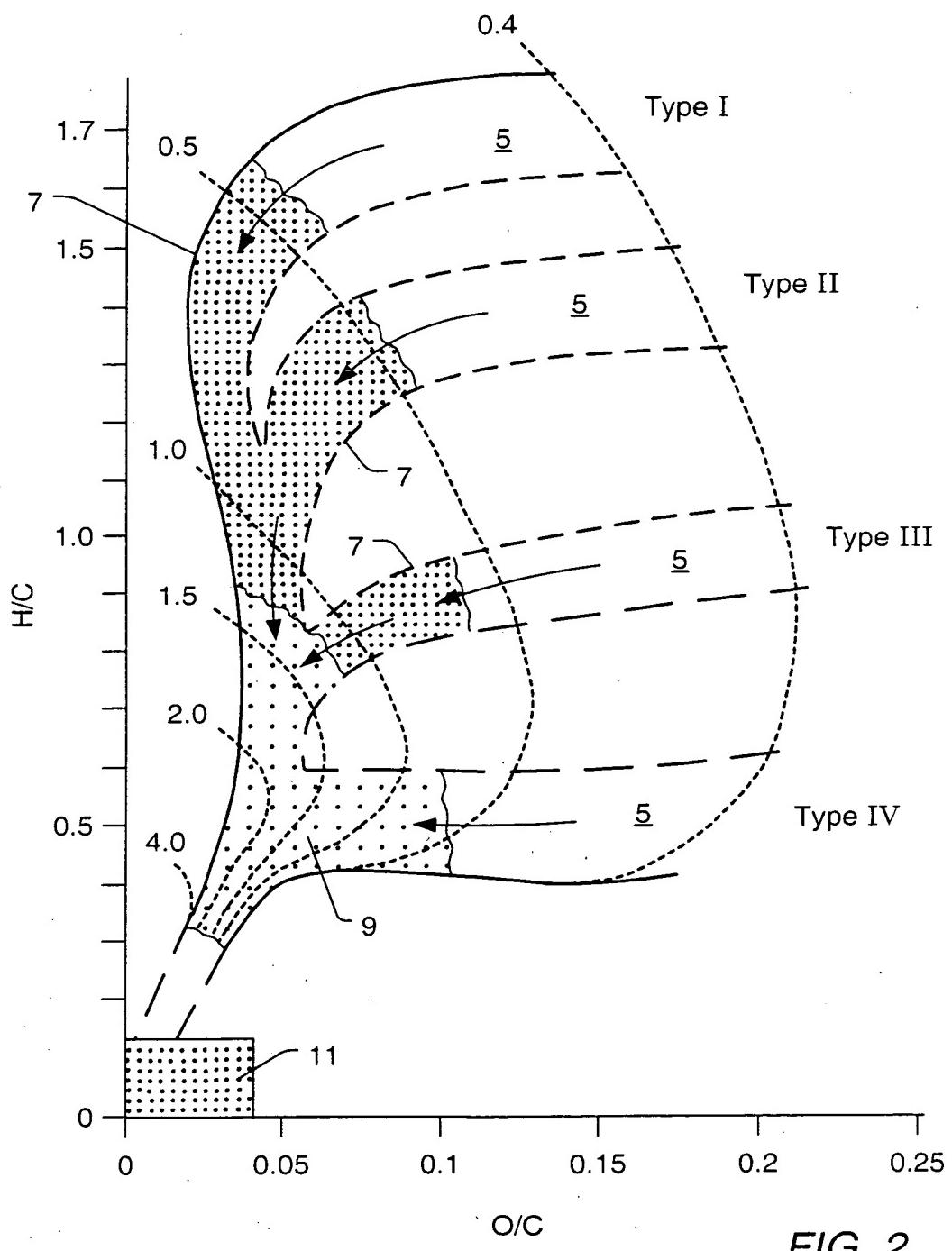


FIG. 2

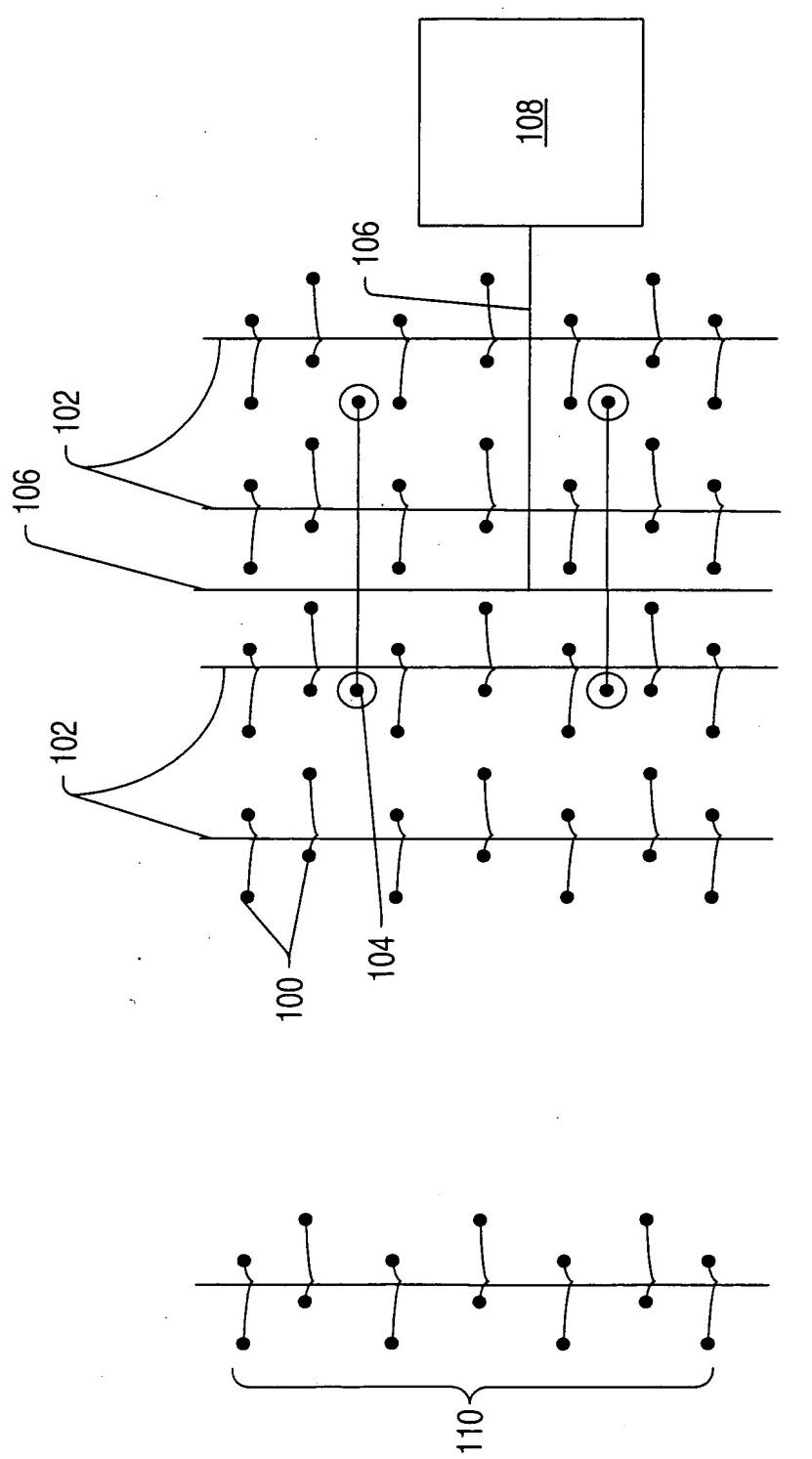
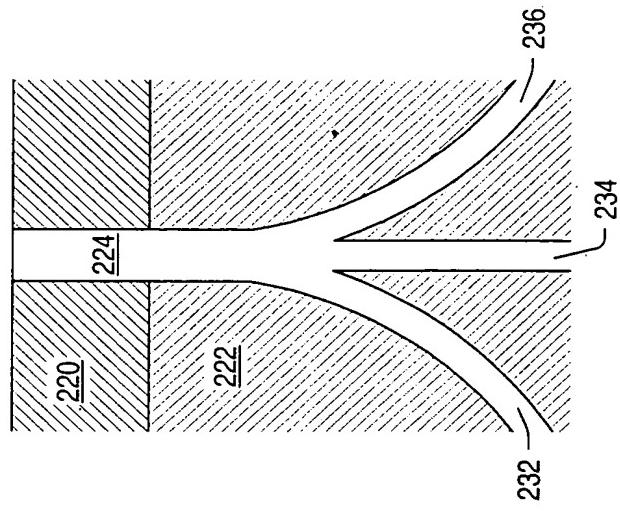
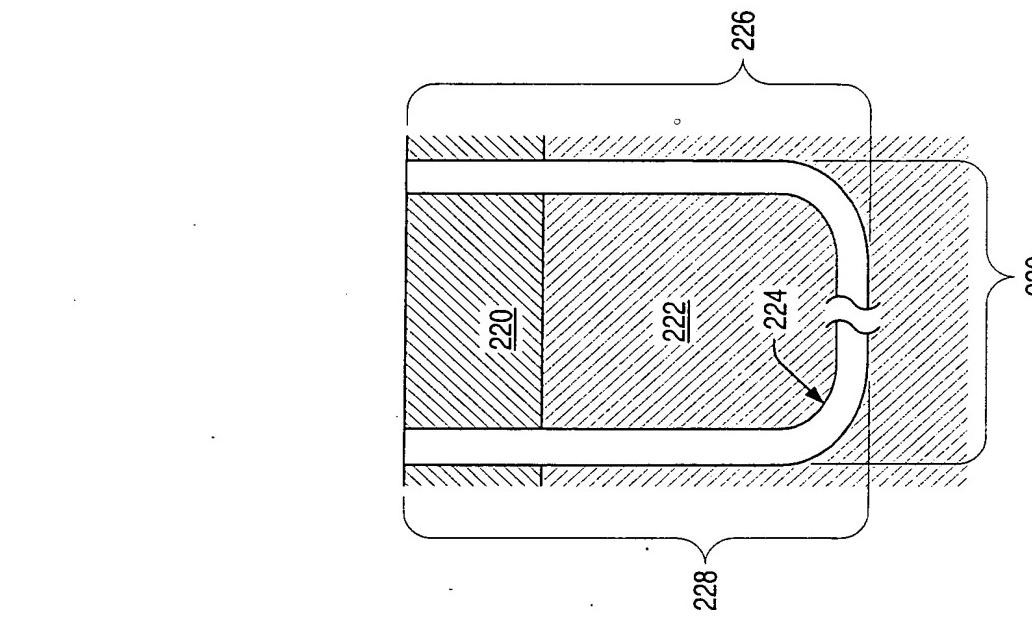
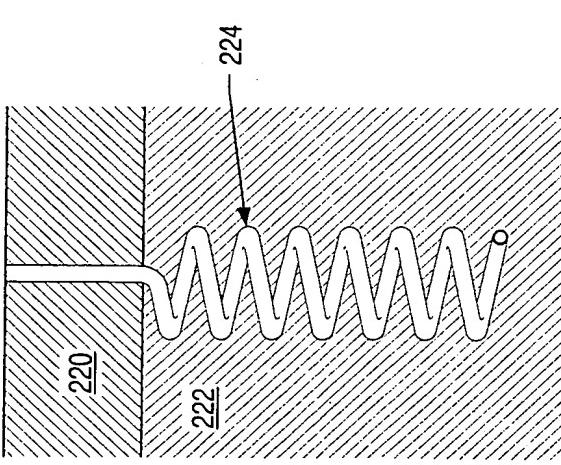


FIG. 3



*FIG. 4*

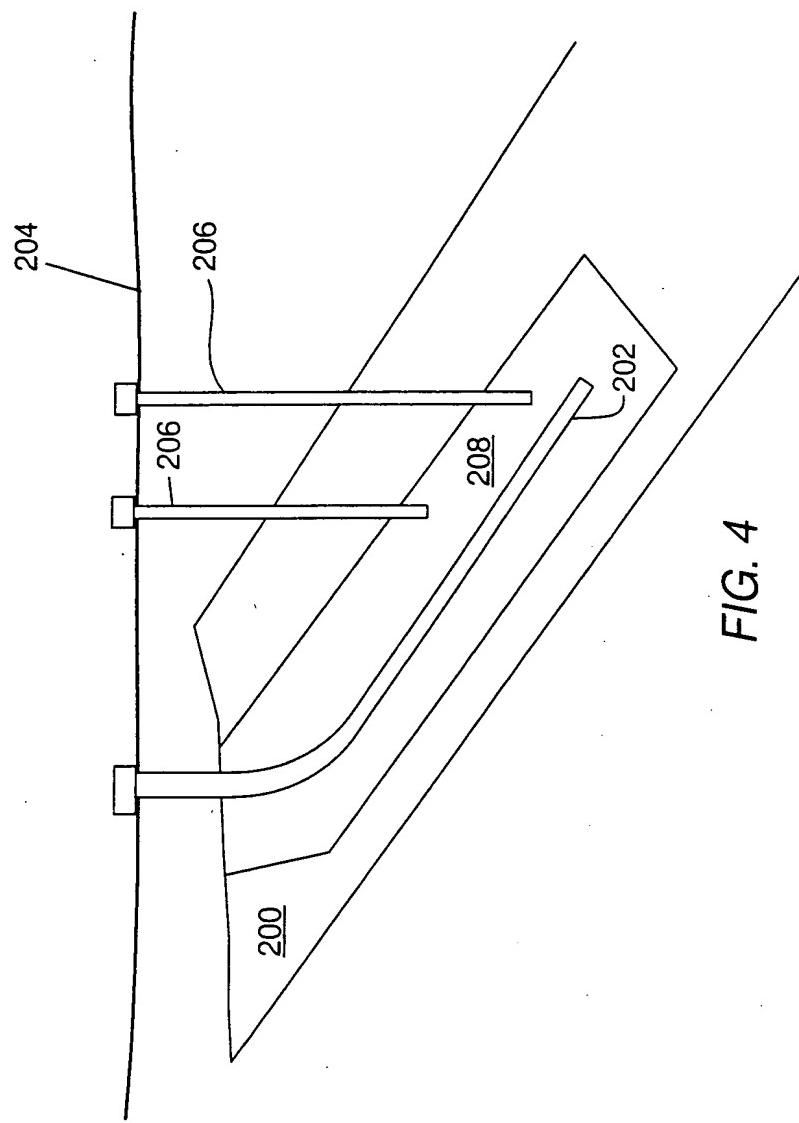
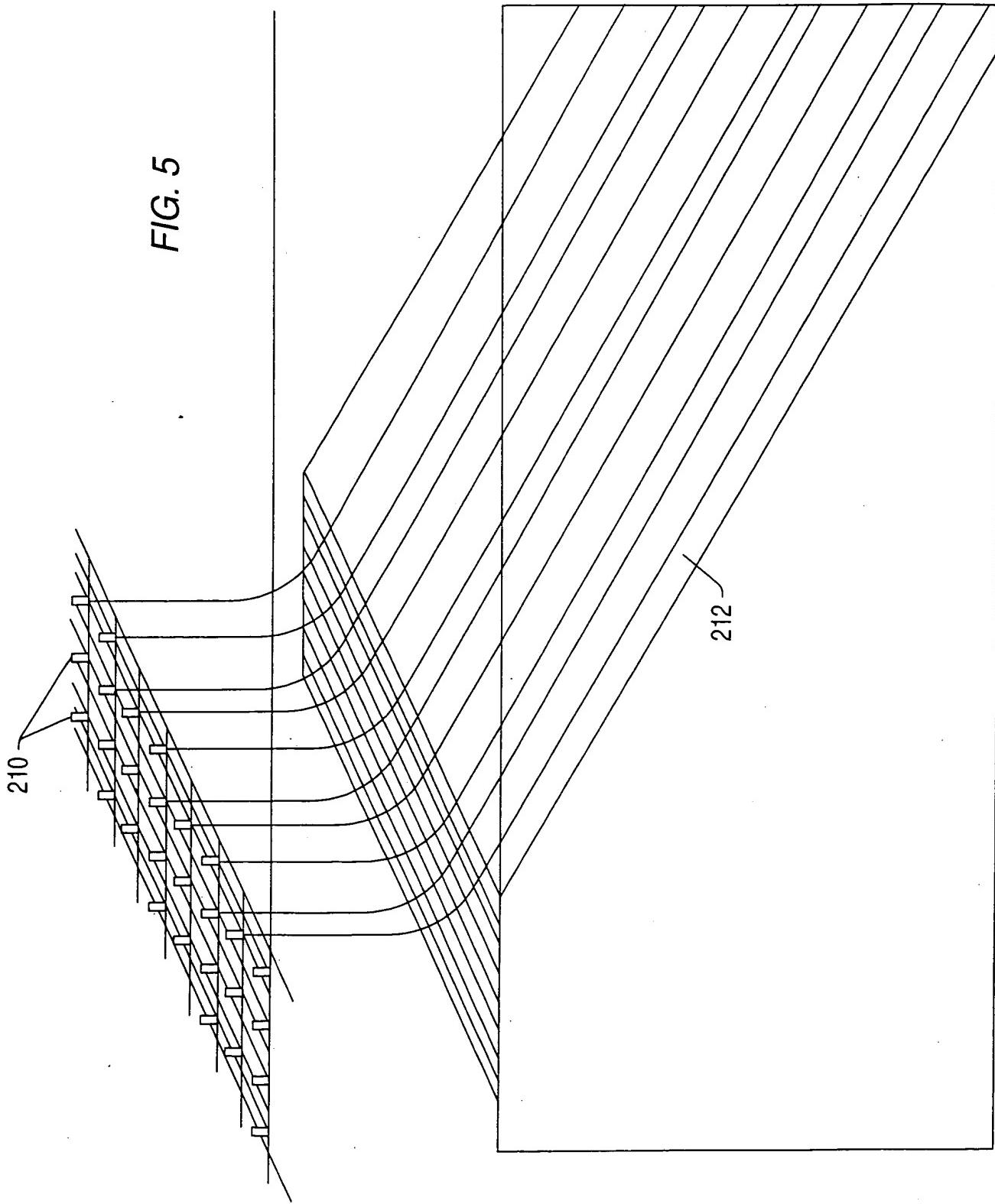


FIG. 5



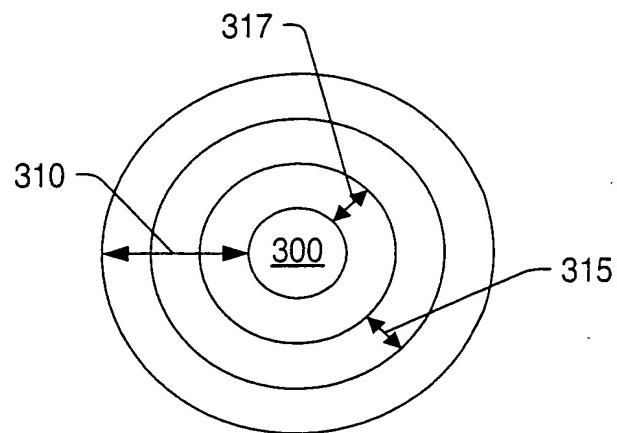


FIG. 6

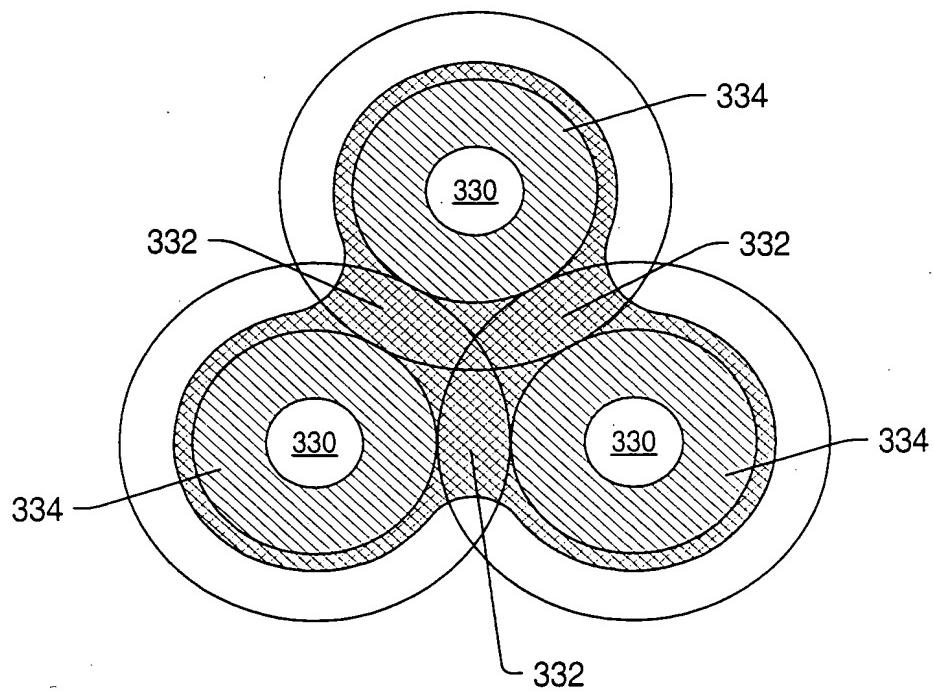


FIG. 7

FIG. 8

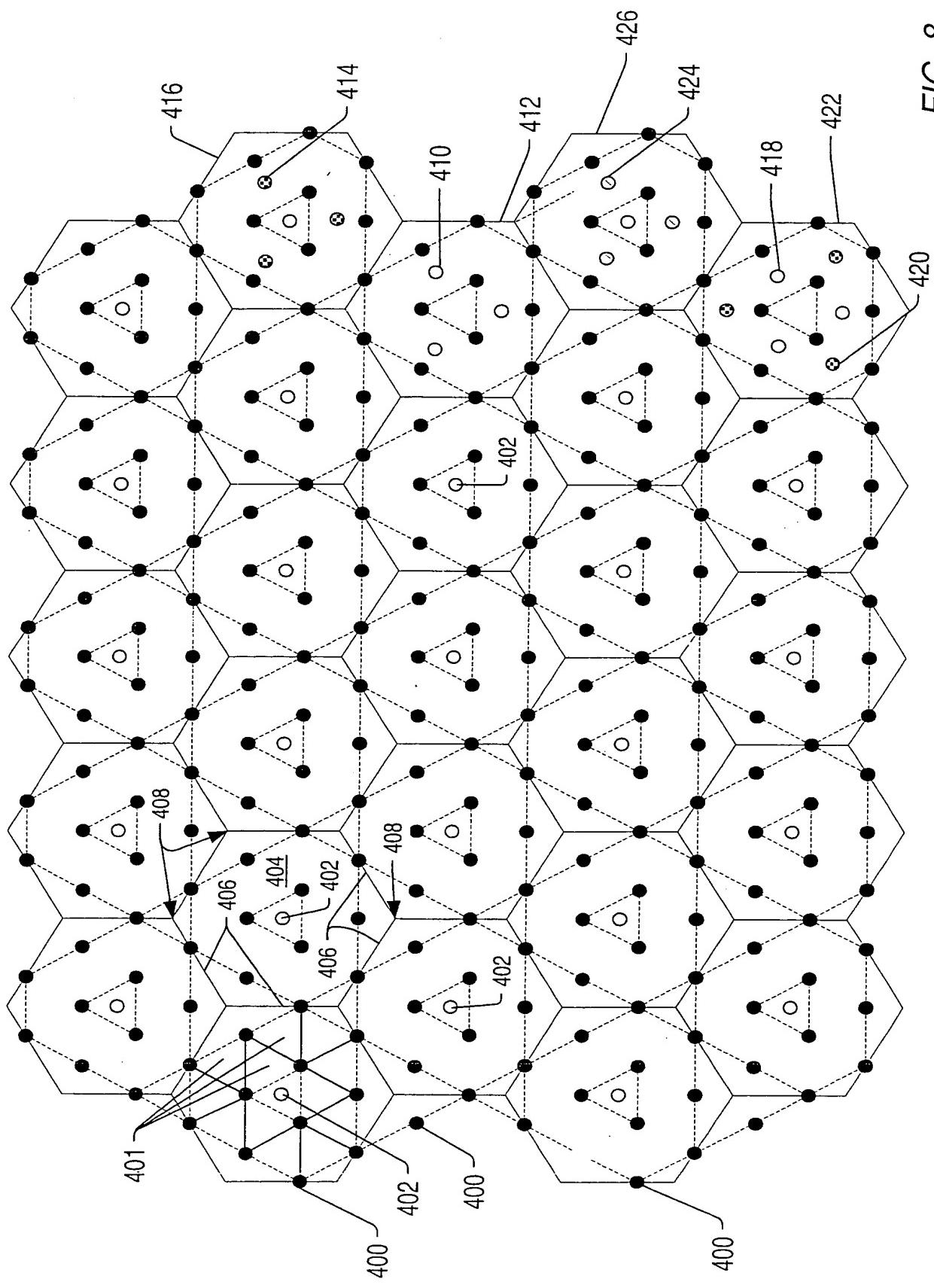
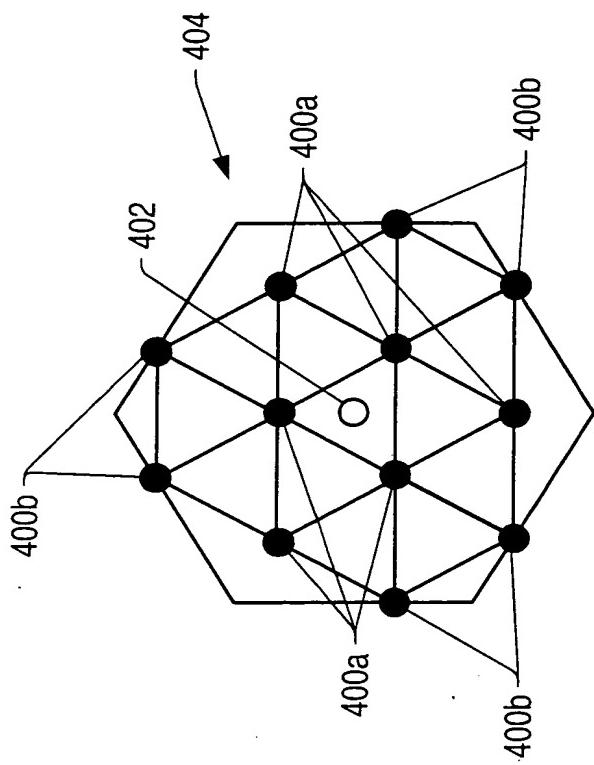


FIG. 9



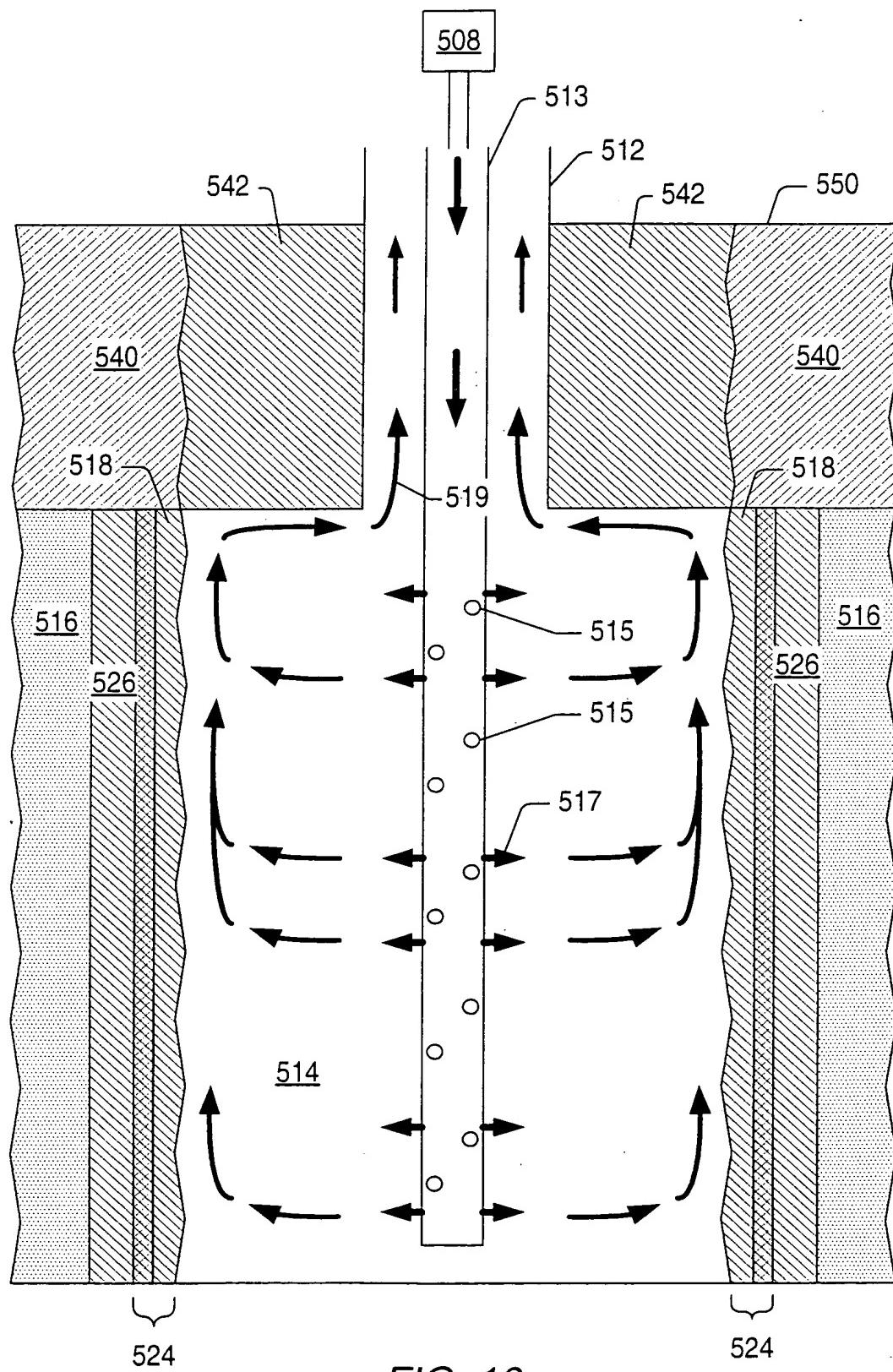


FIG. 10

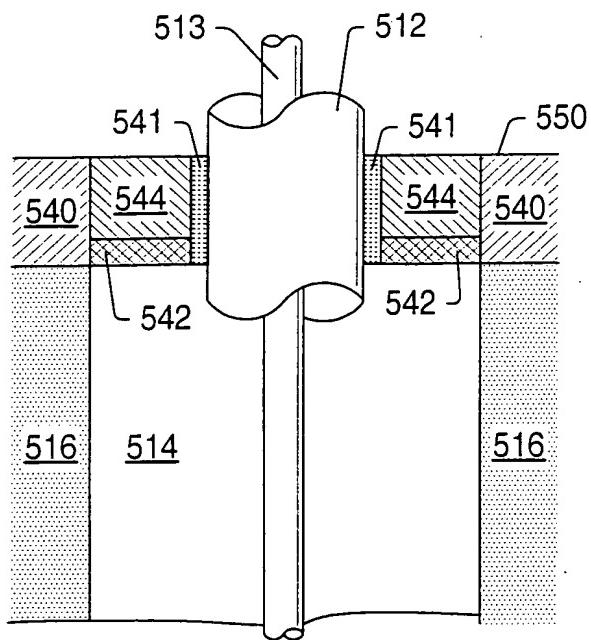


FIG. 11

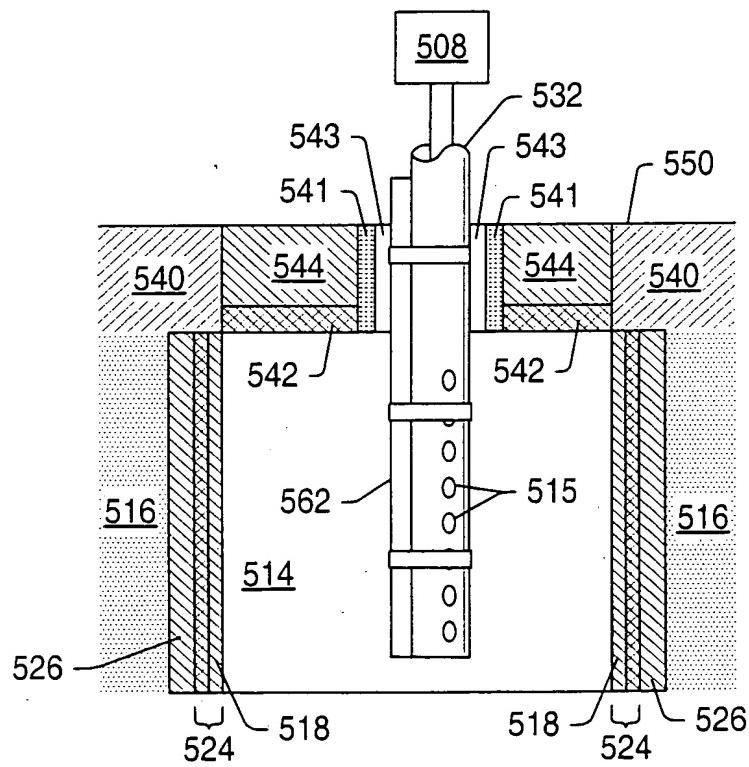
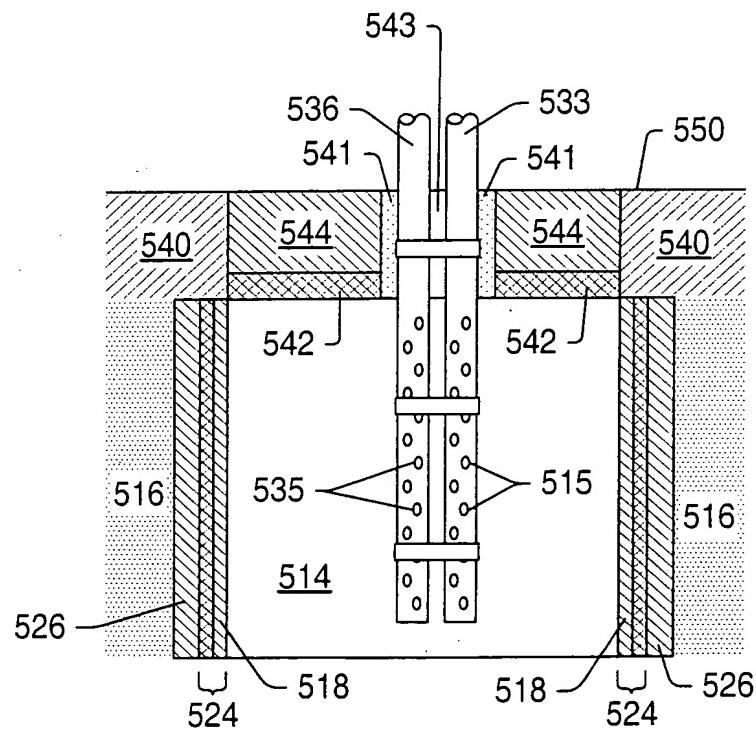
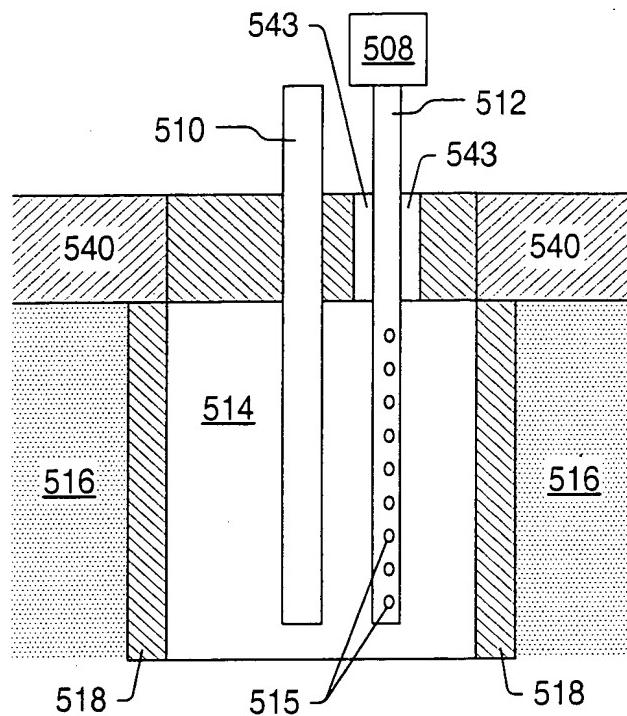


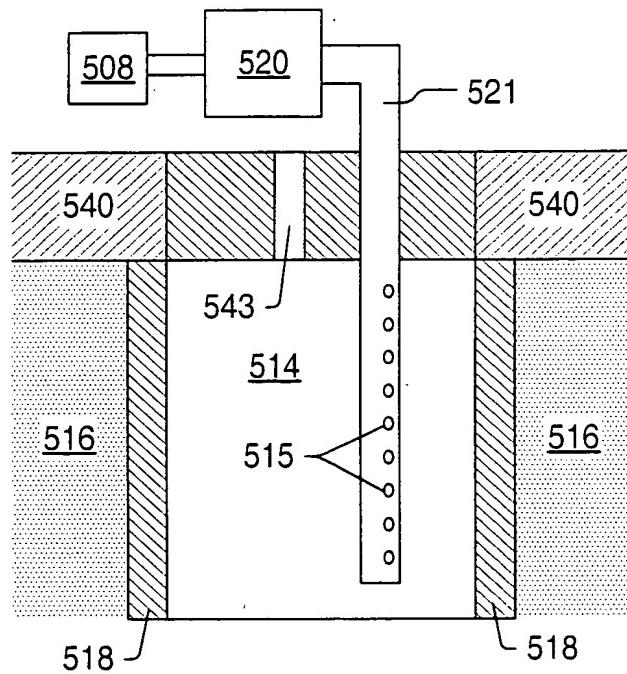
FIG. 12



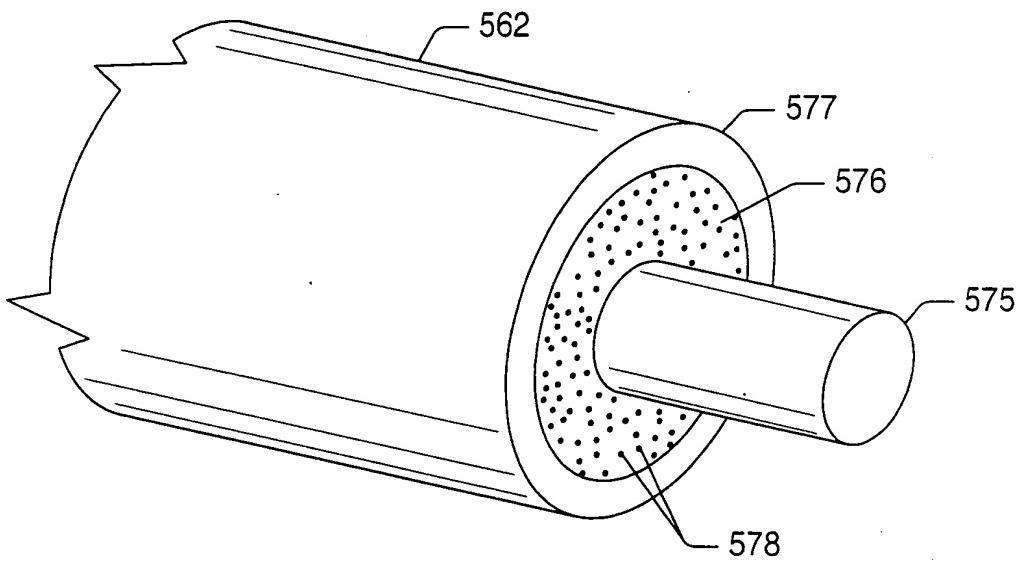
*Fig. 13*



*FIG. 14*



*FIG. 15*



*FIG. 16*

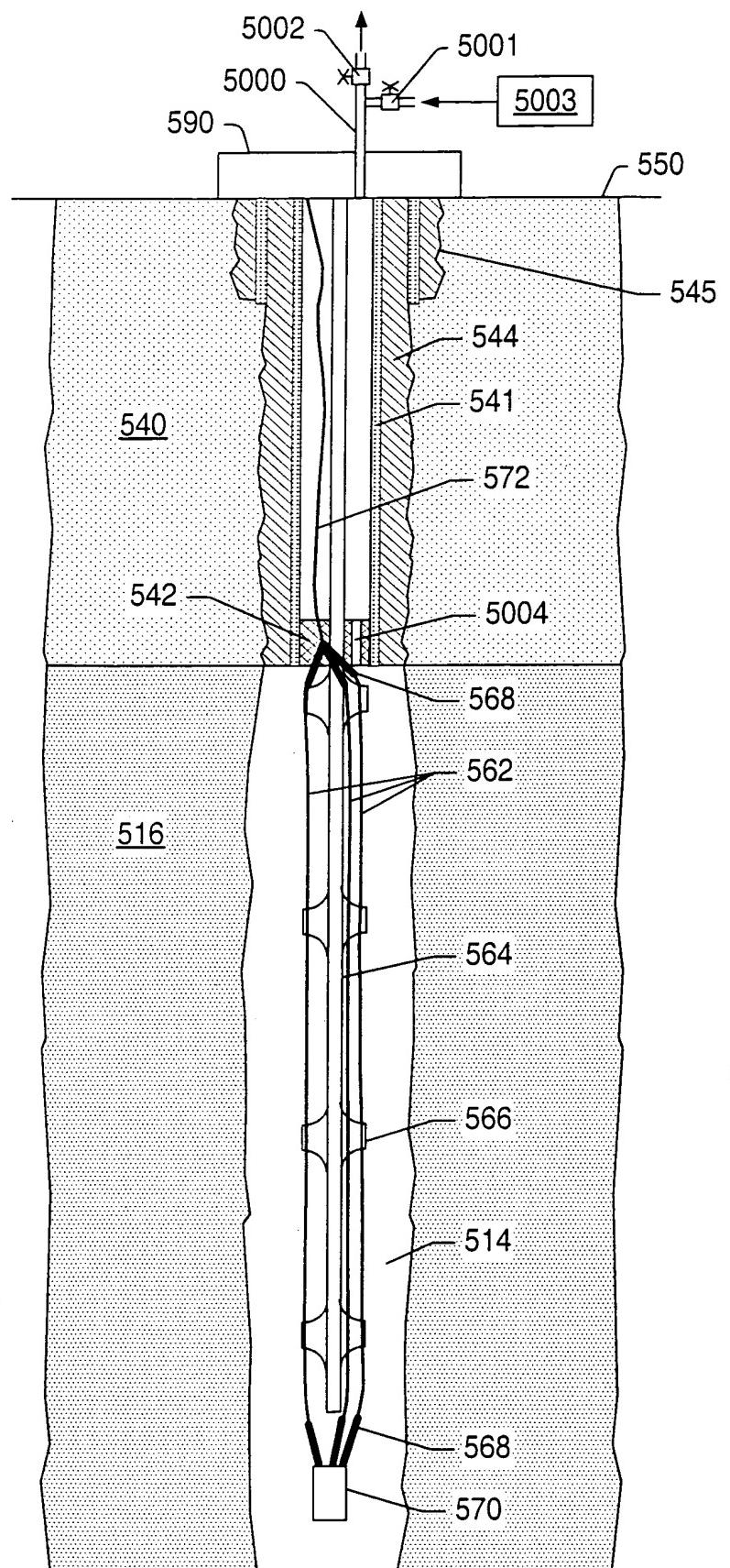


FIG. 17

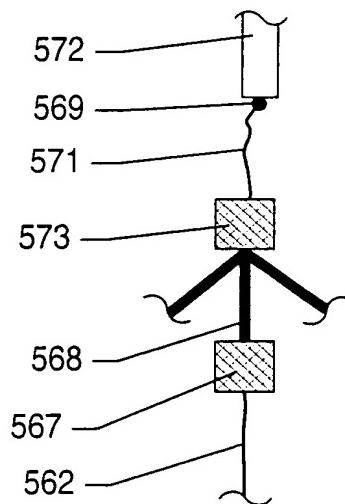


FIG. 17A

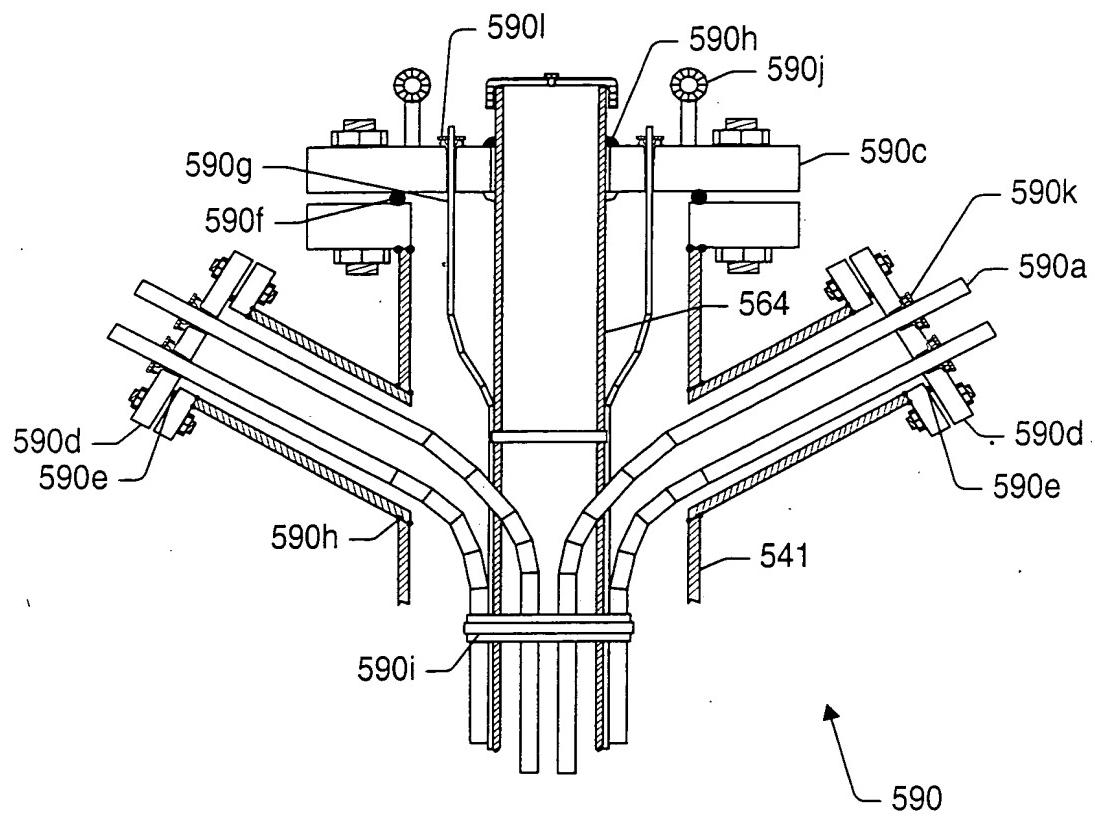


FIG. 18

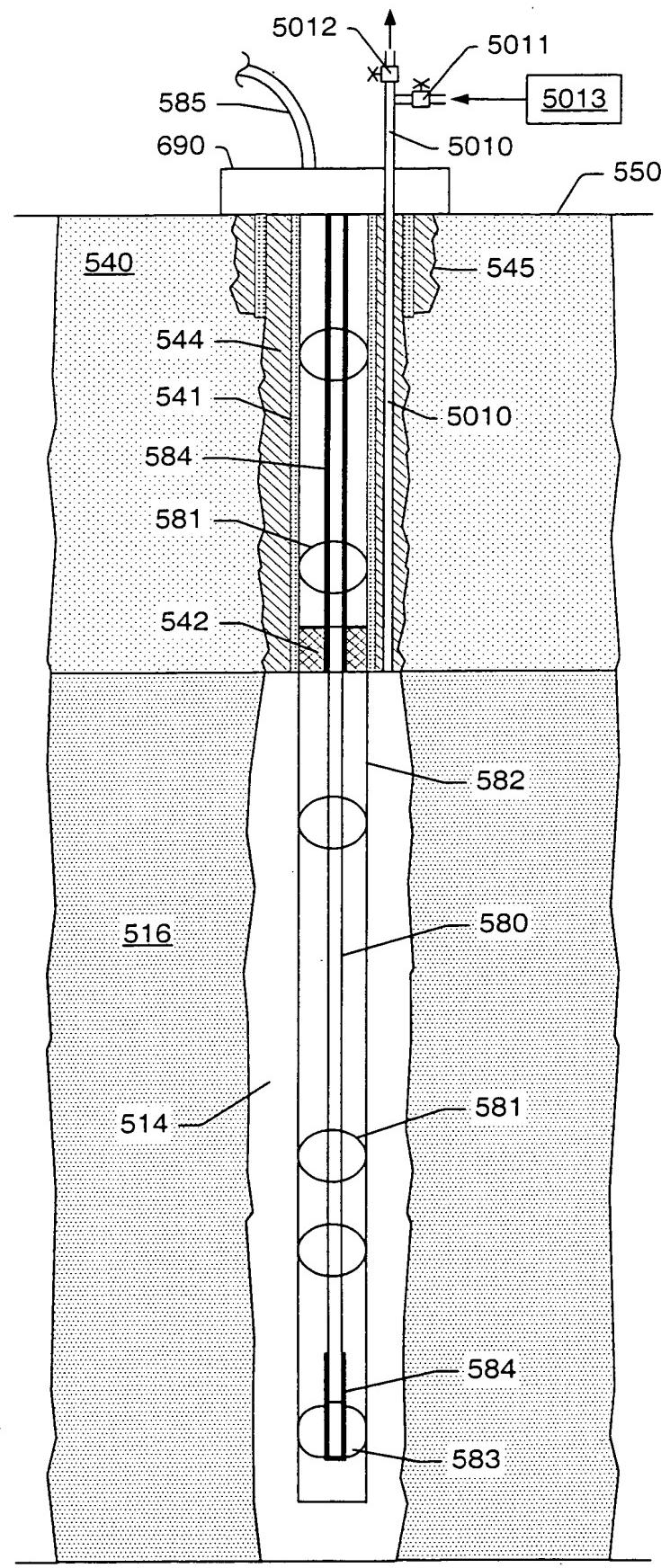


FIG. 19

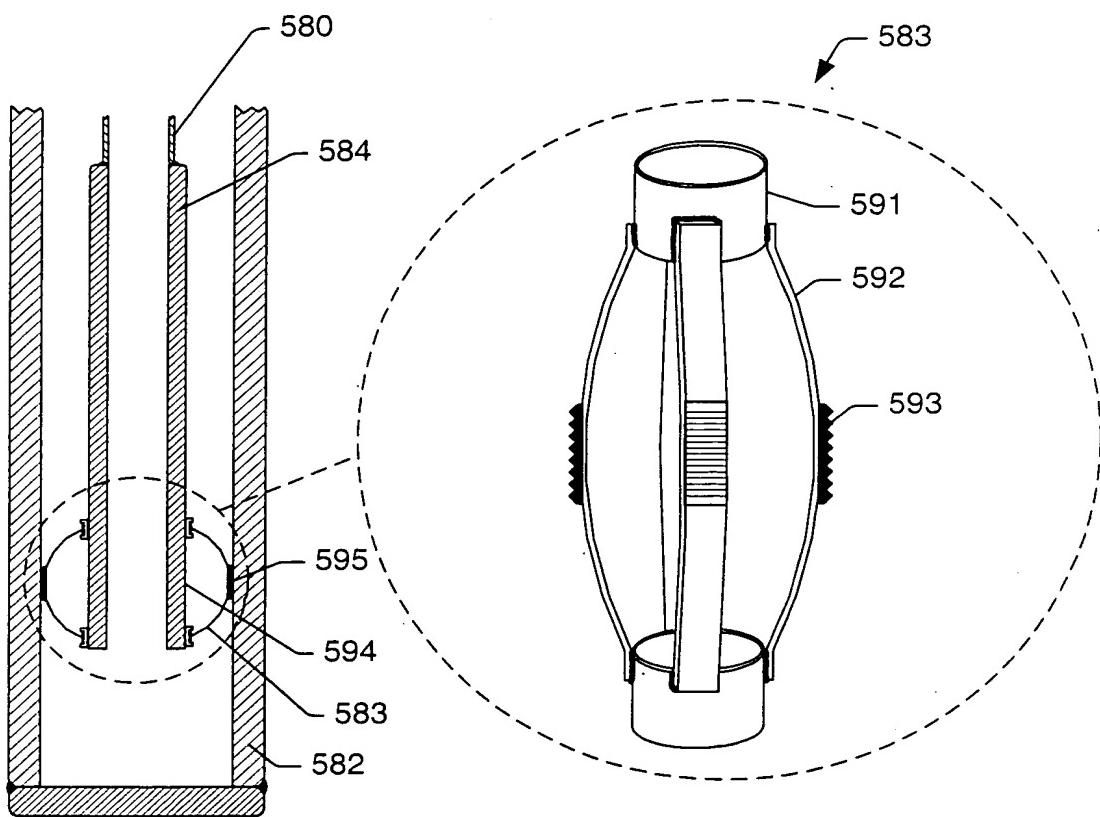
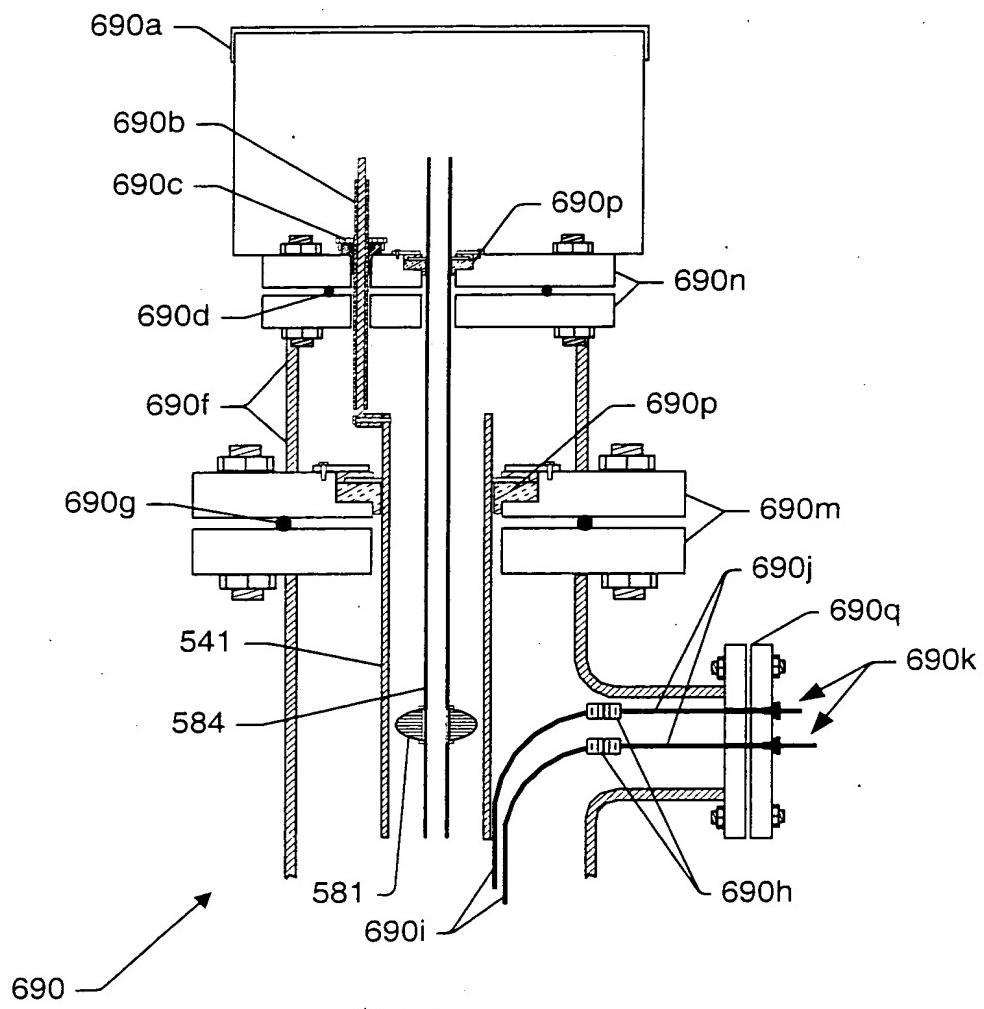


FIG. 20



*FIG. 21*

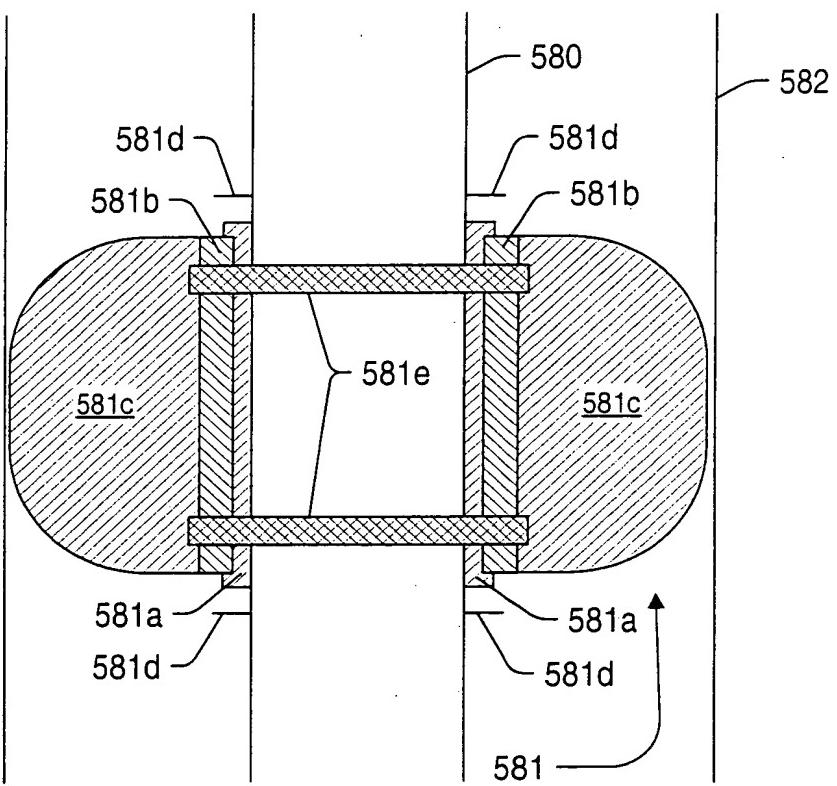
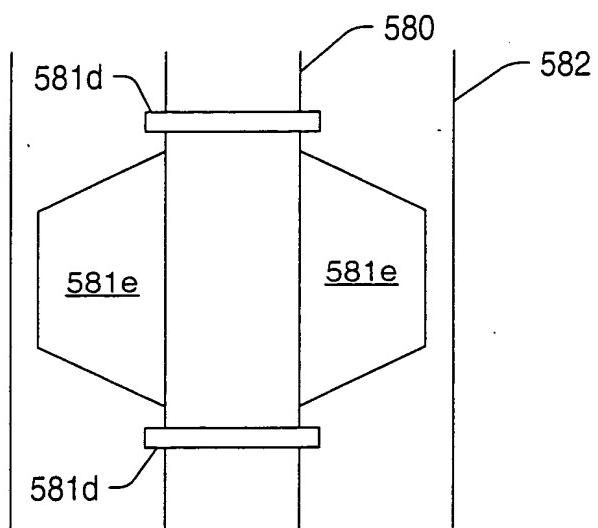
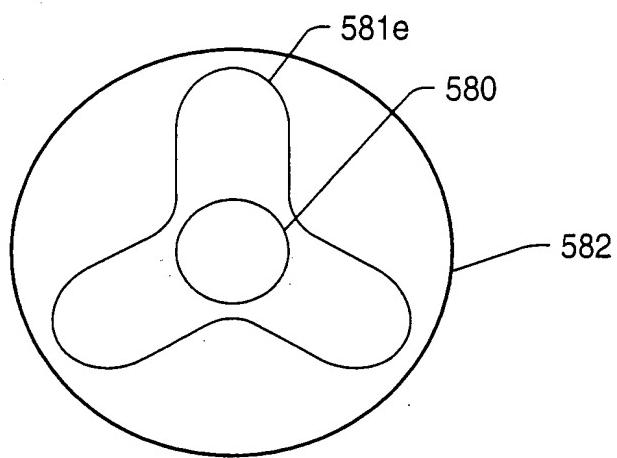


FIG. 22



*FIG. 23a*



*FIG. 23b*

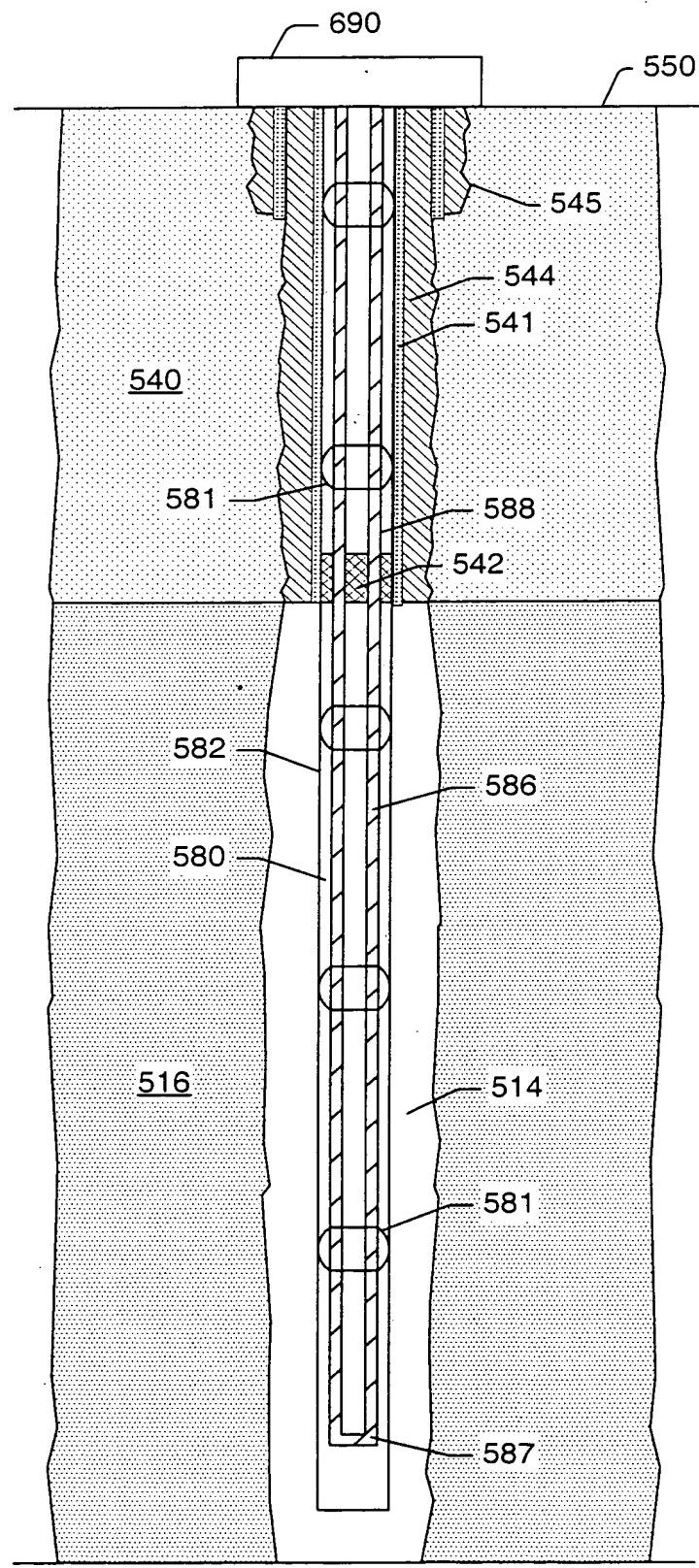


Fig. 24

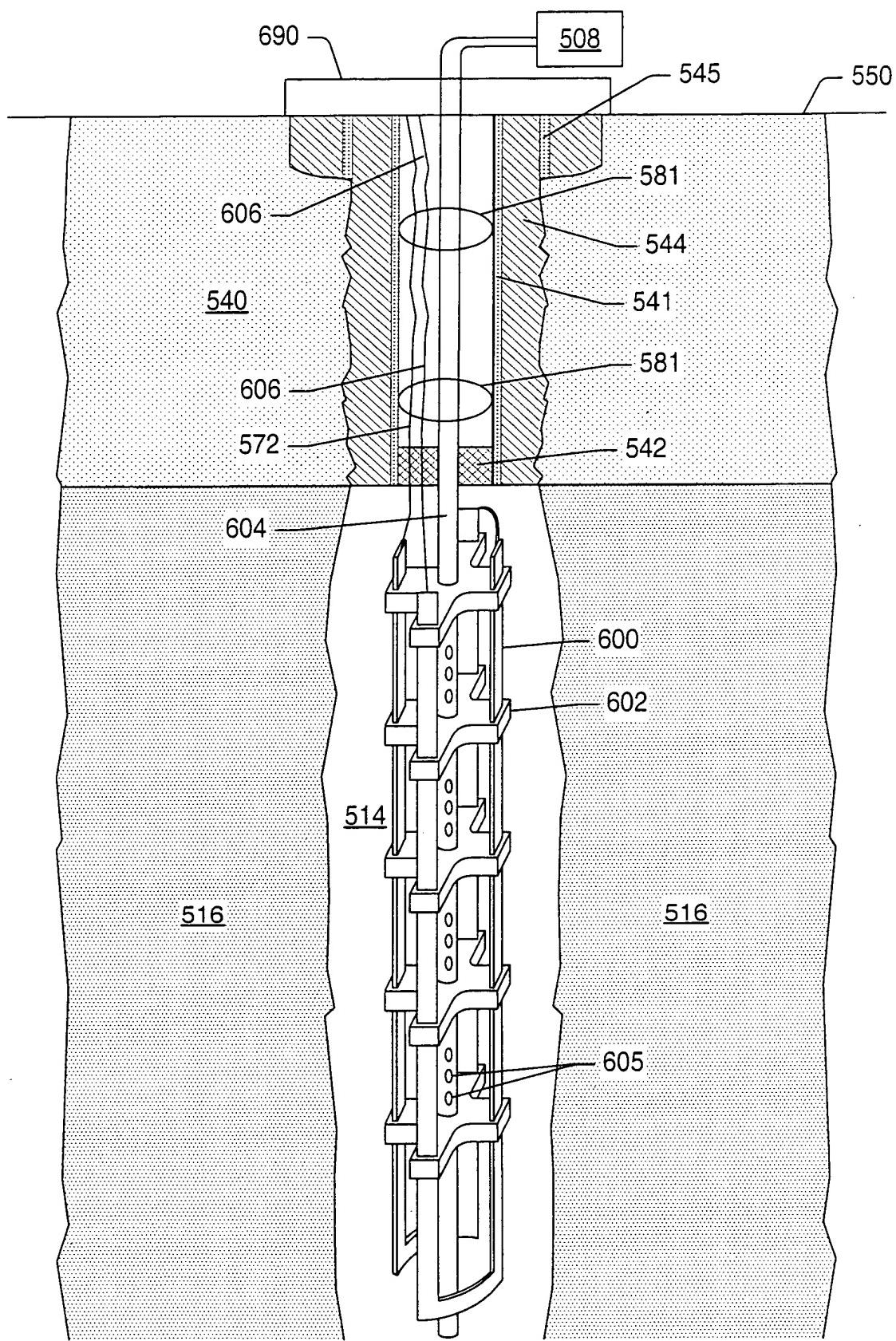
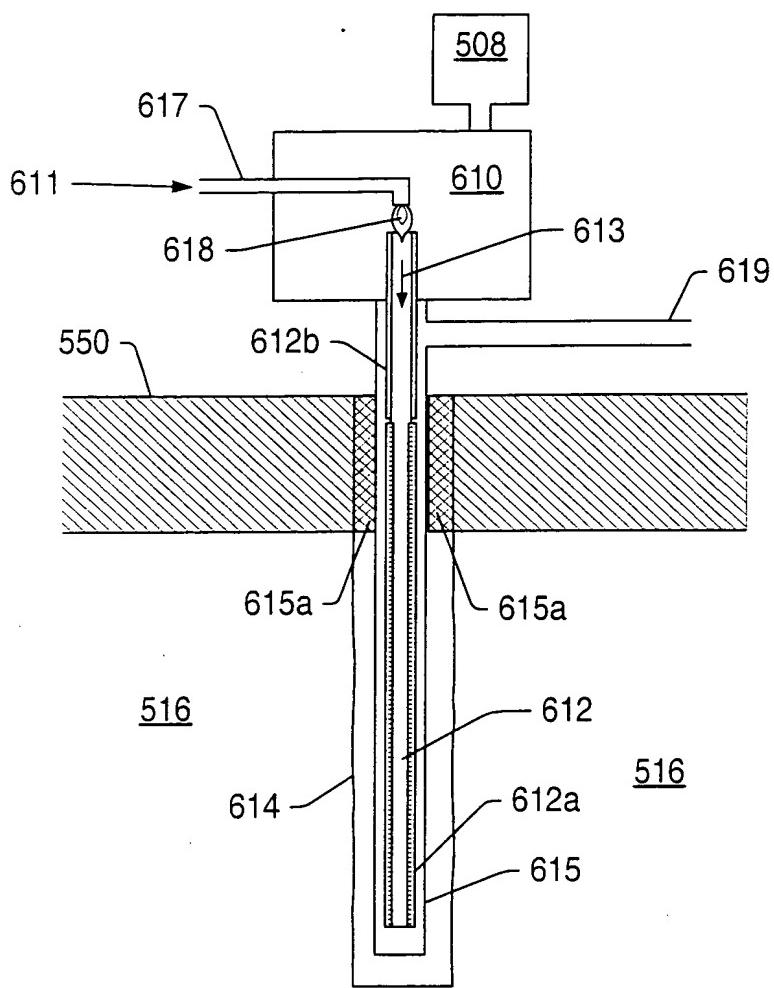
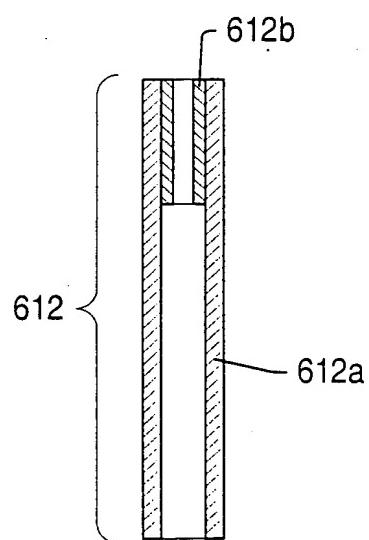


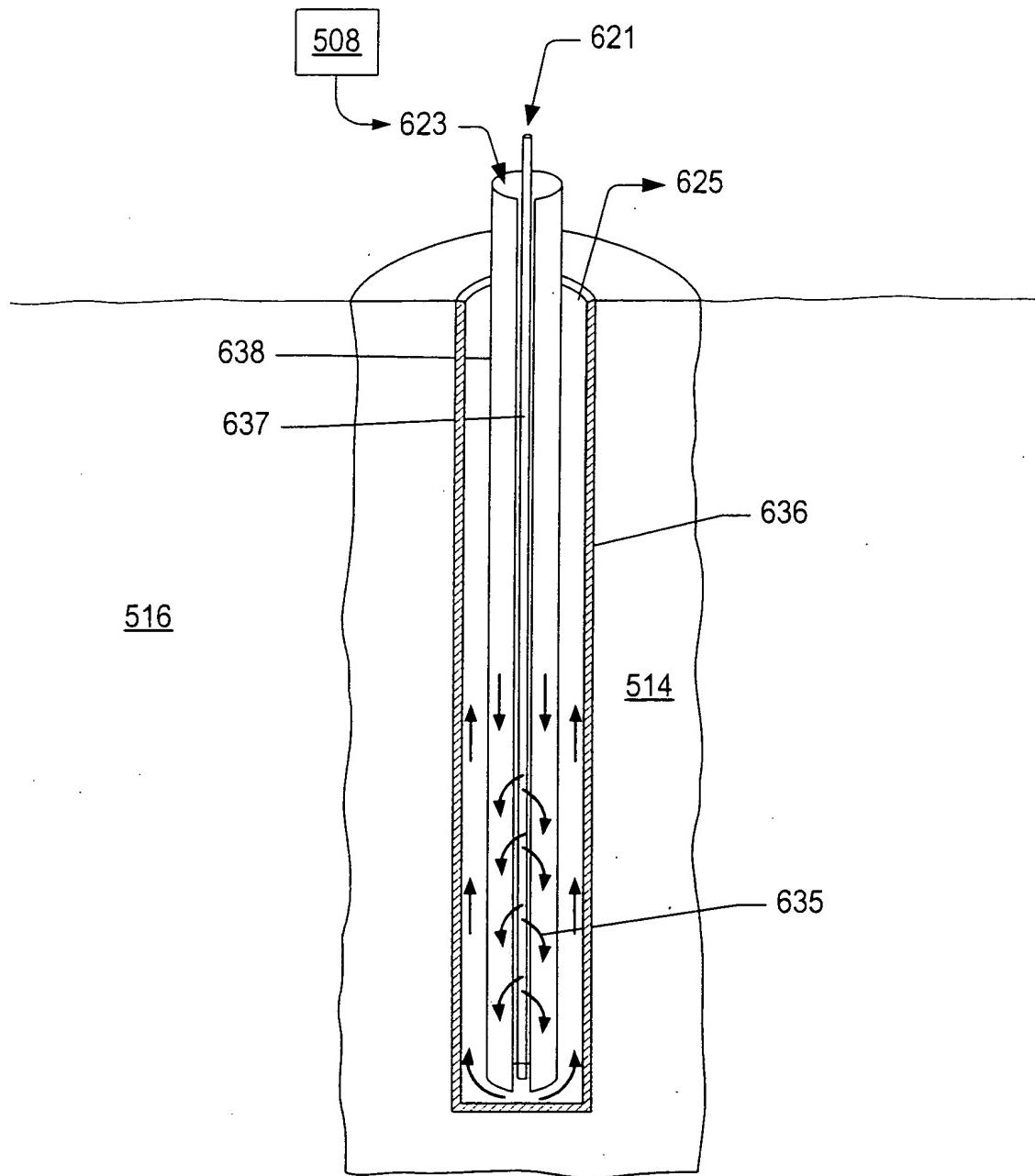
FIG. 25



*FIG. 26*



*FIG. 27*



*FIG. 28*

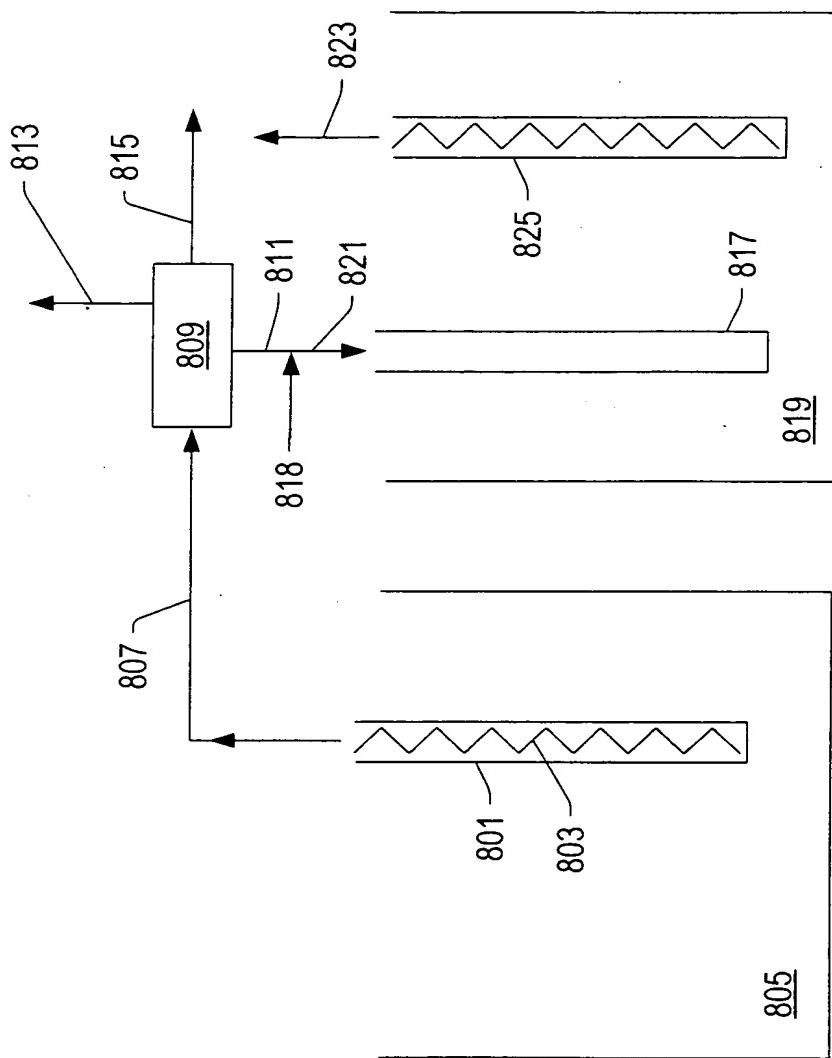
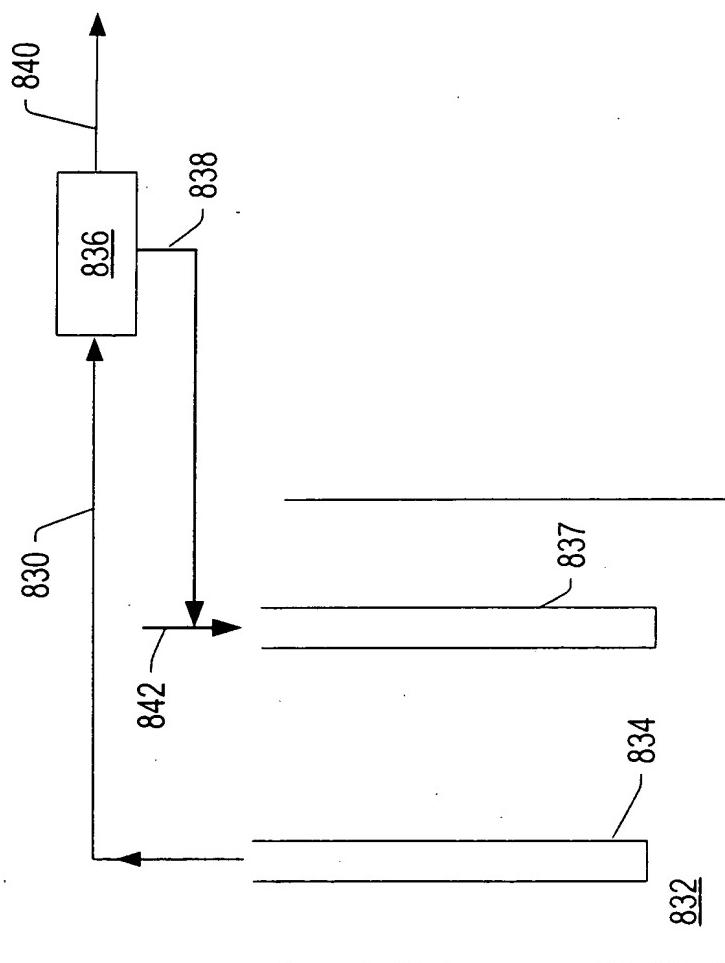
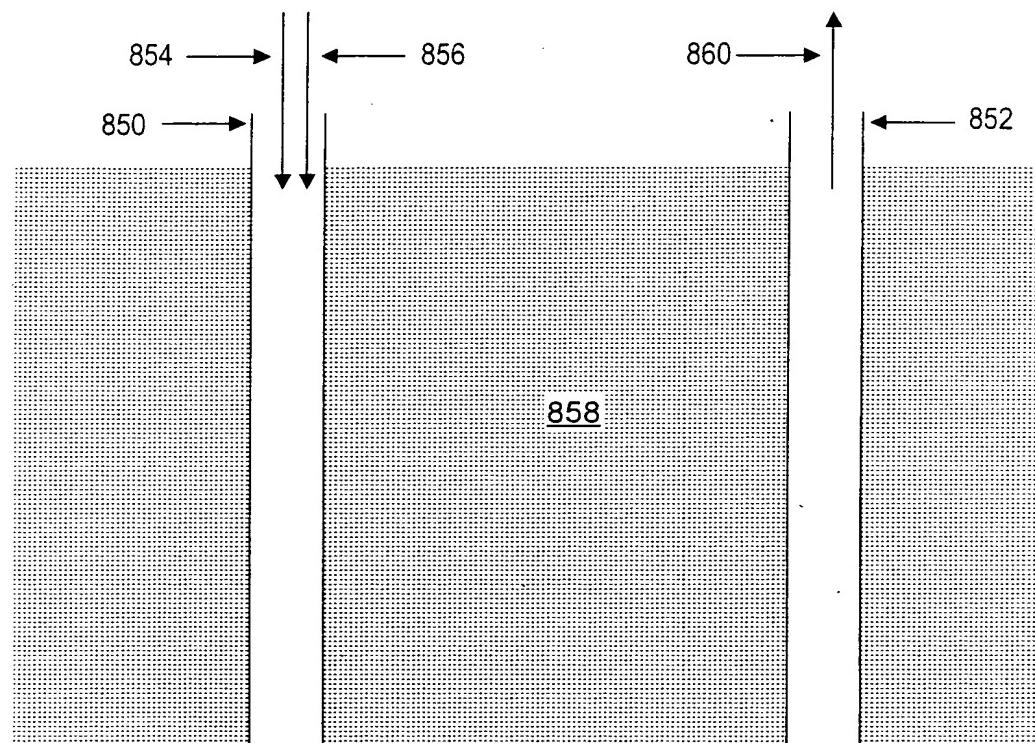


FIG. 29

FIG. 30





*FIG. 31*

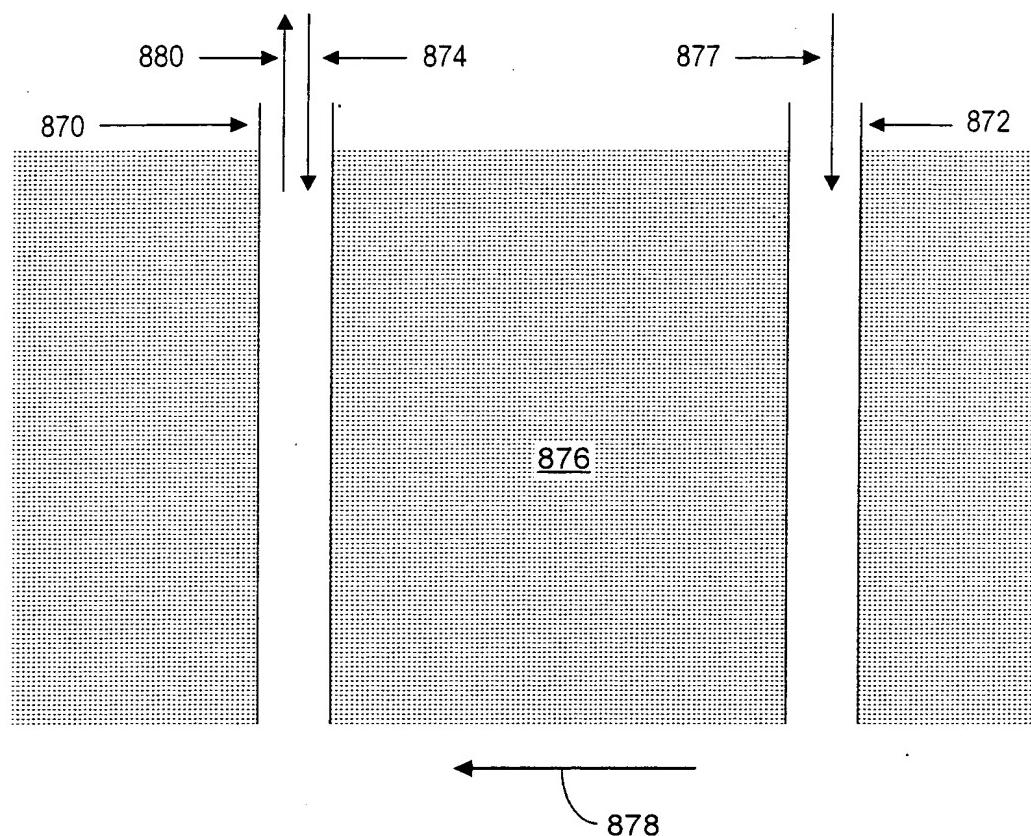


FIG. 32

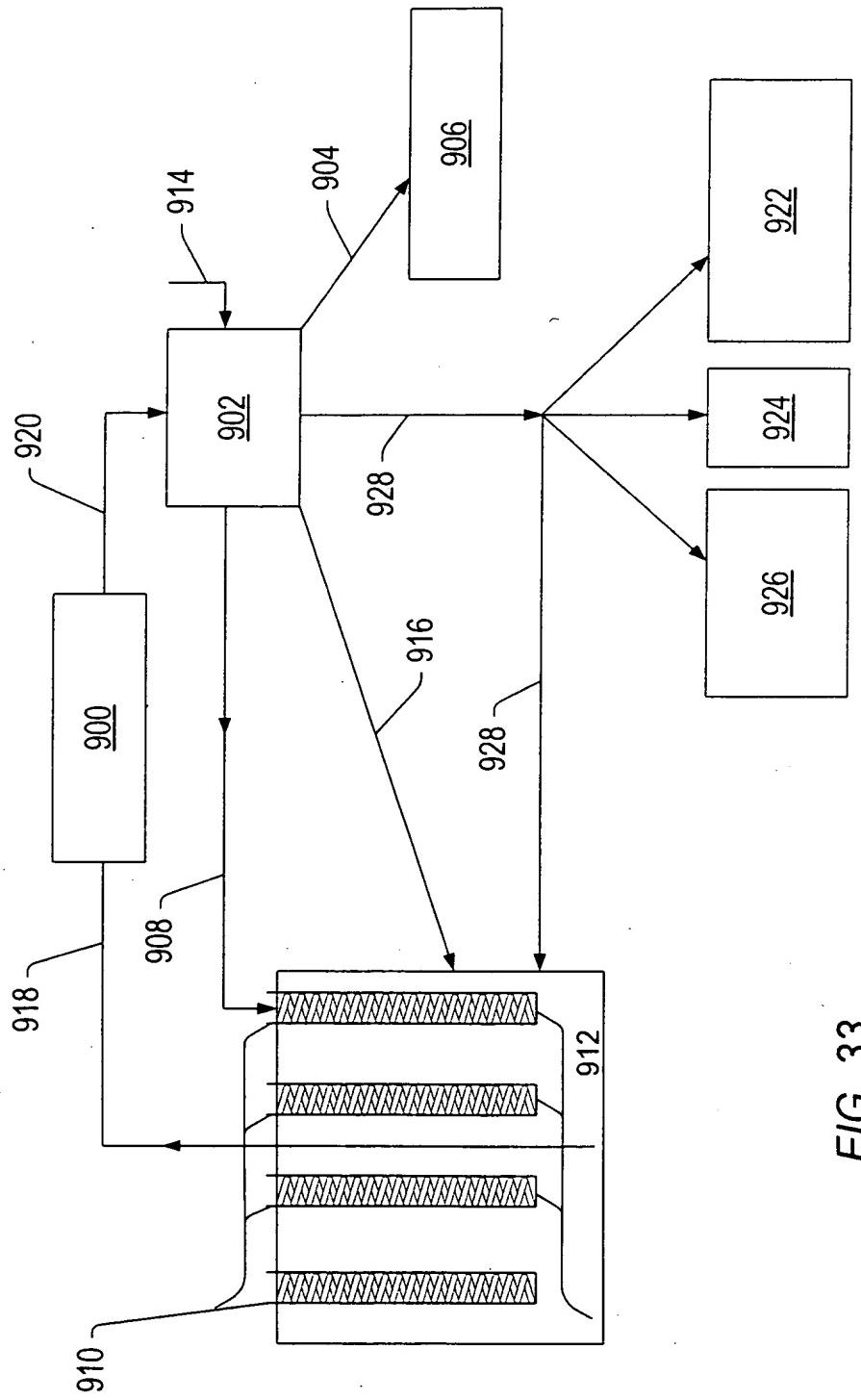
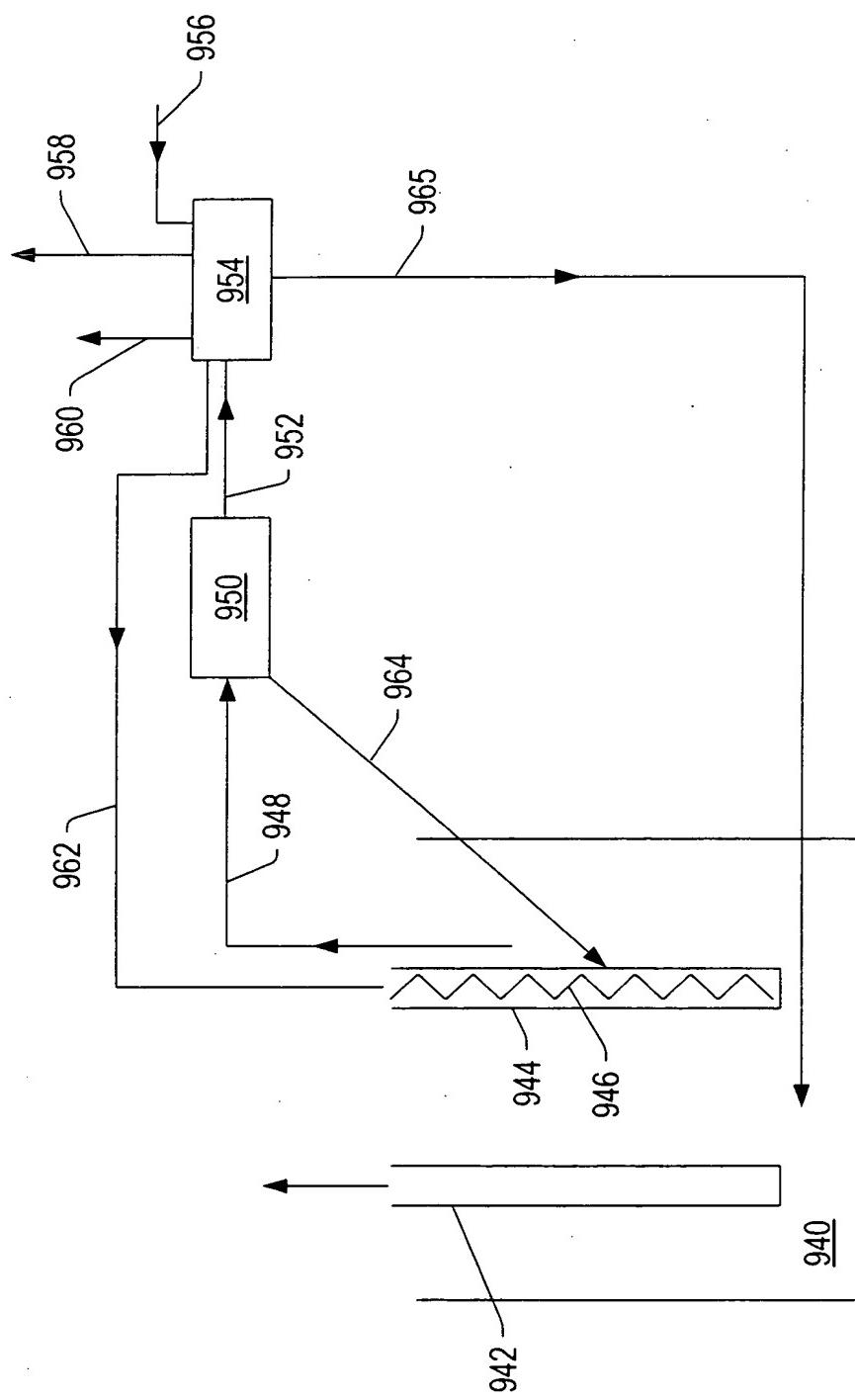
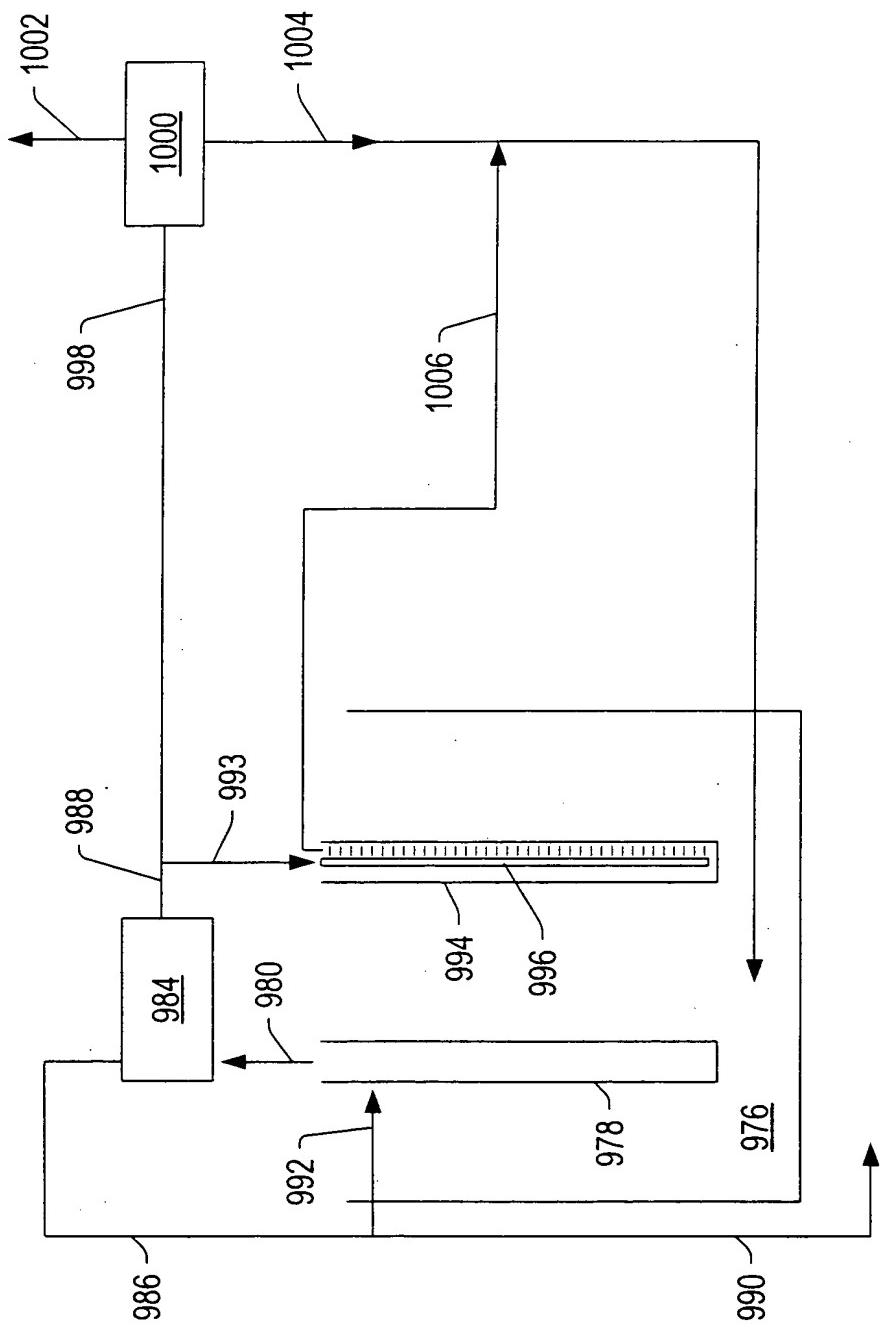


FIG. 33

FIG. 34



F/G. 35



1020 1022 1024 1026 1028 1030 1032 1034 1036 1038 1040 1042

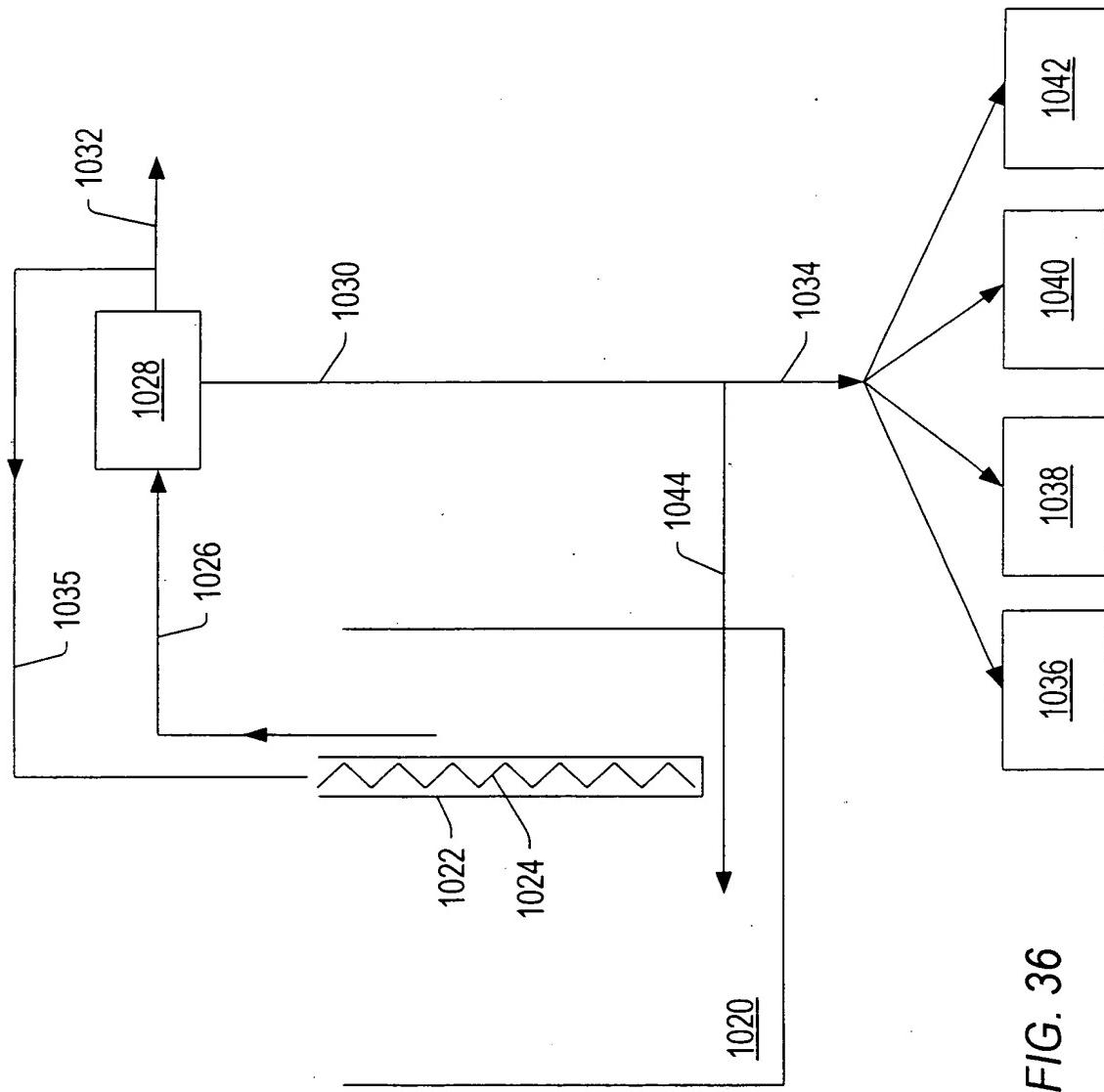
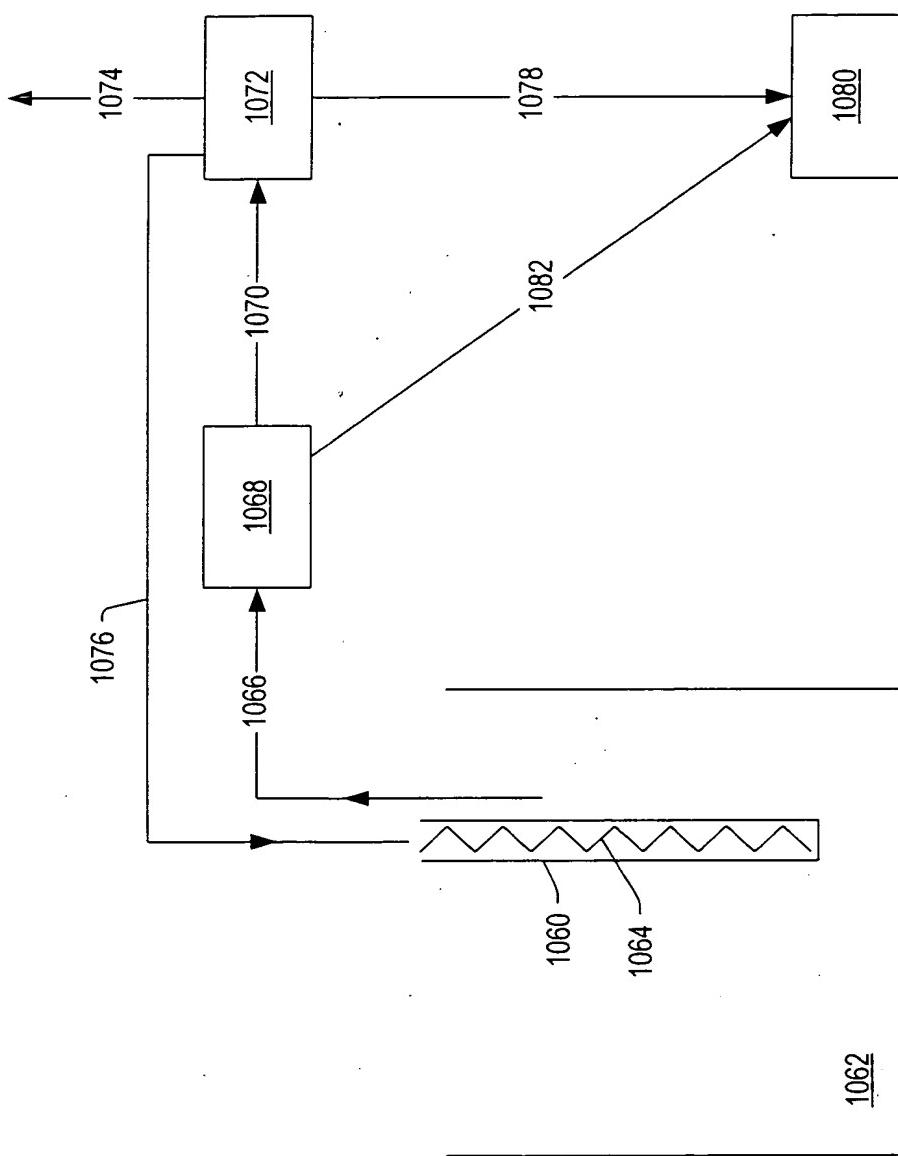


FIG. 36

FIG. 37



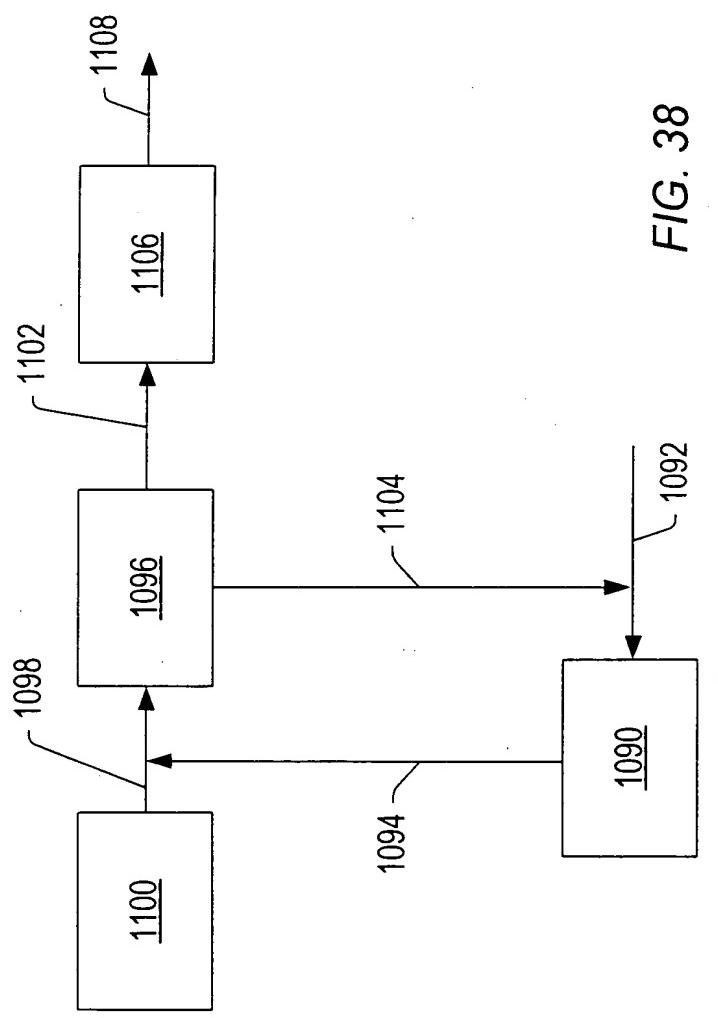


FIG. 38

FIG. 39

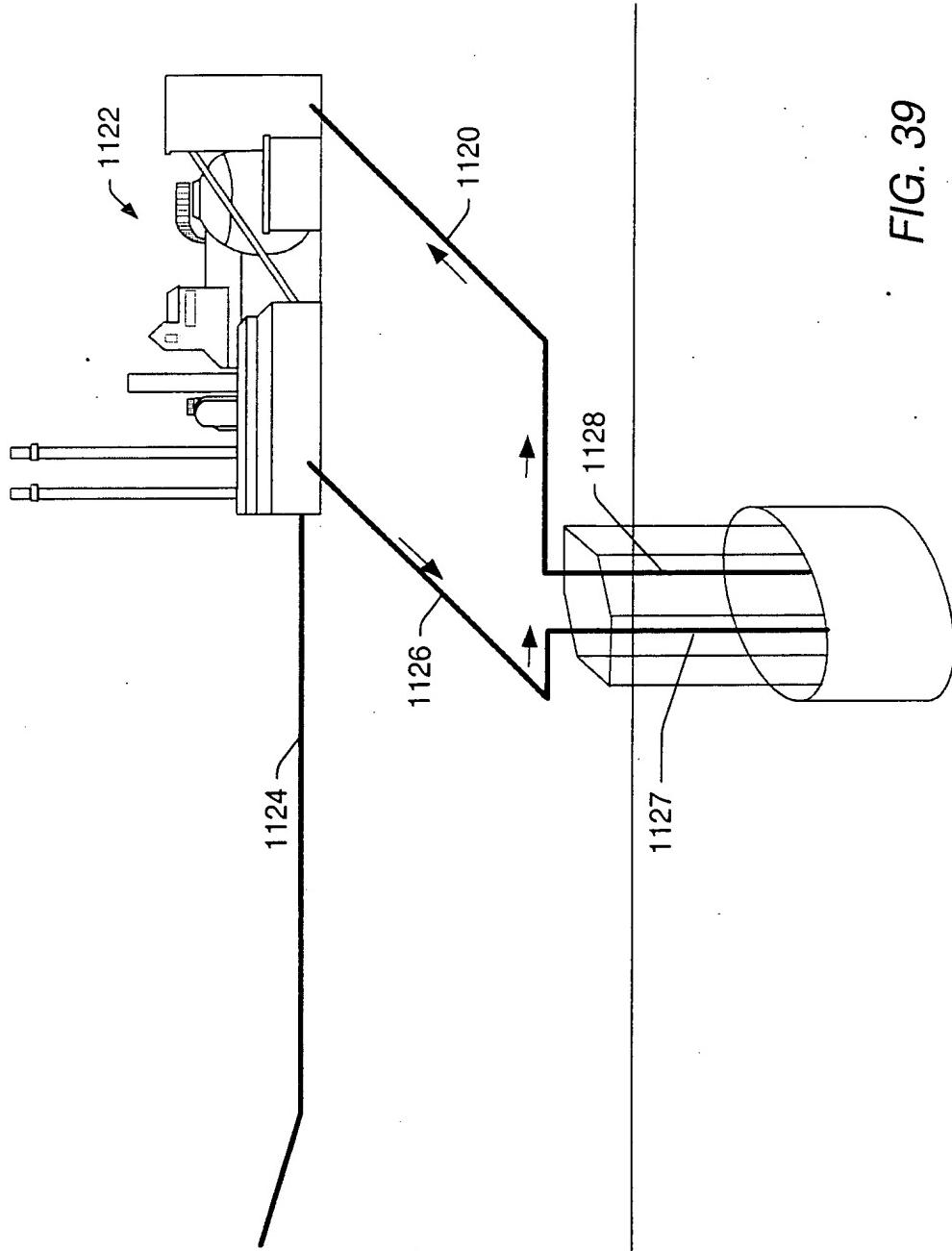
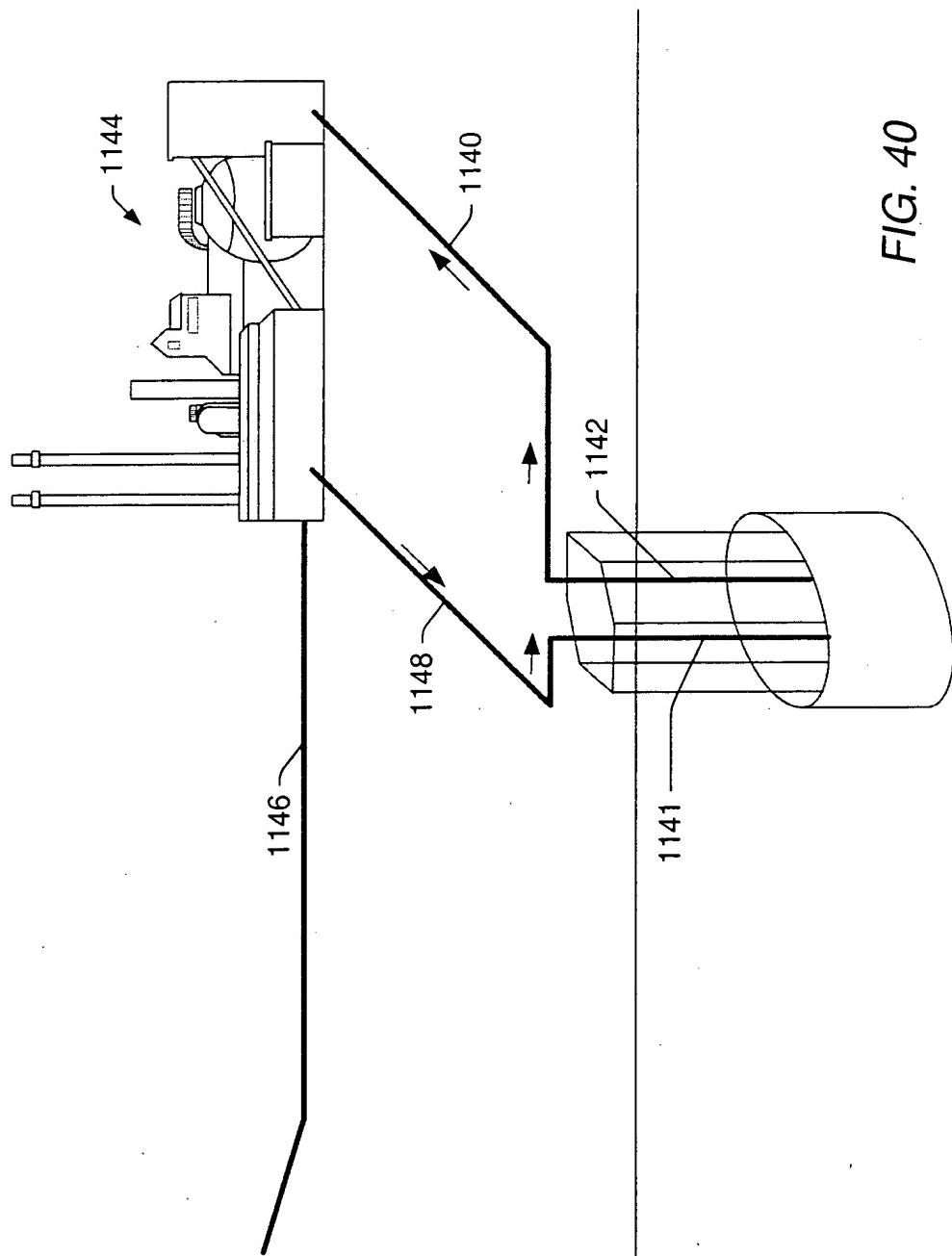


FIG. 40



*FIG. 41*

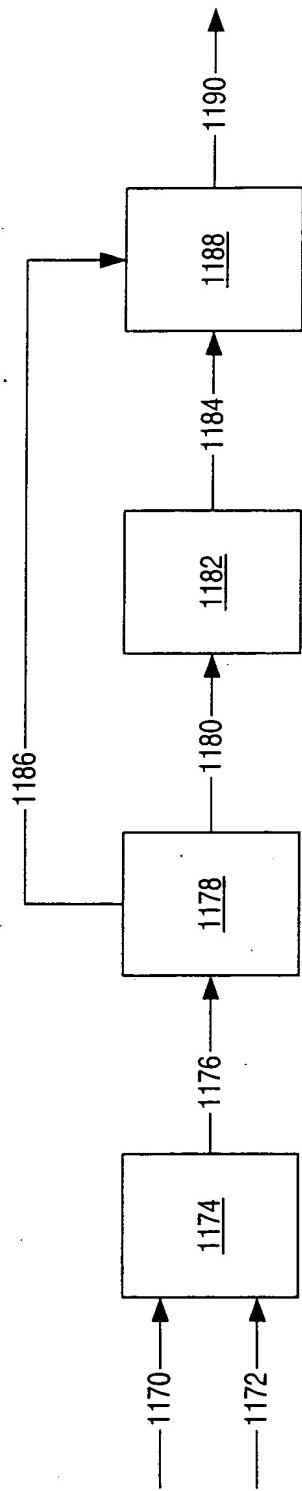


FIG. 42

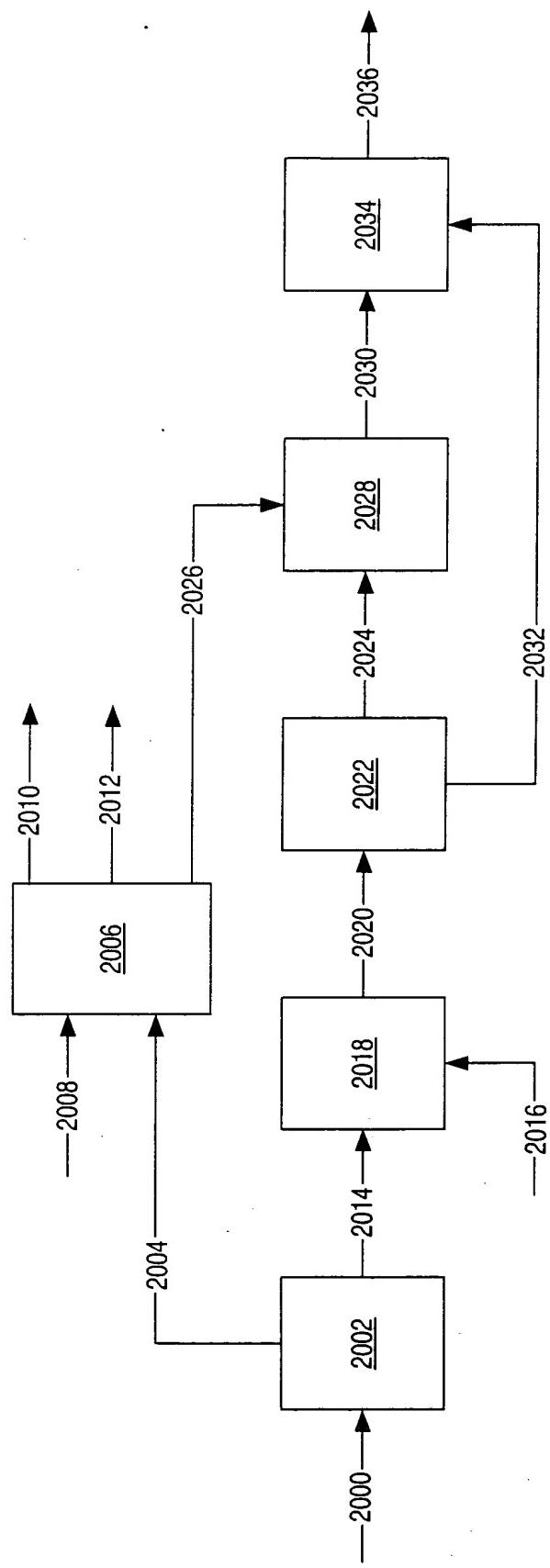
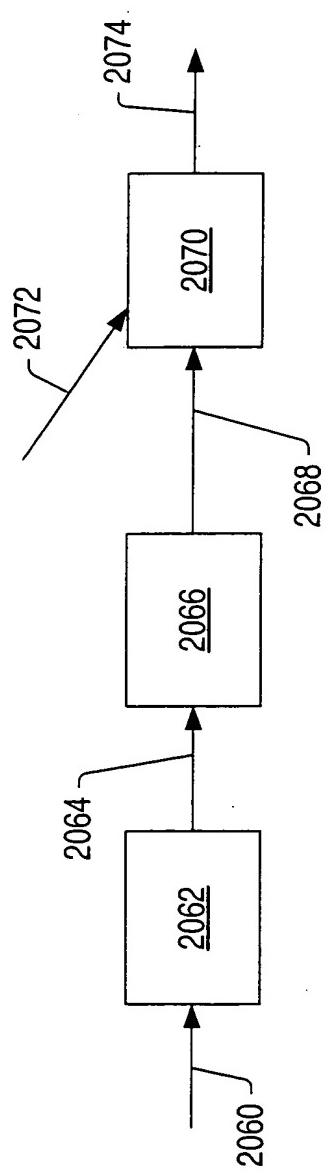


FIG. 43



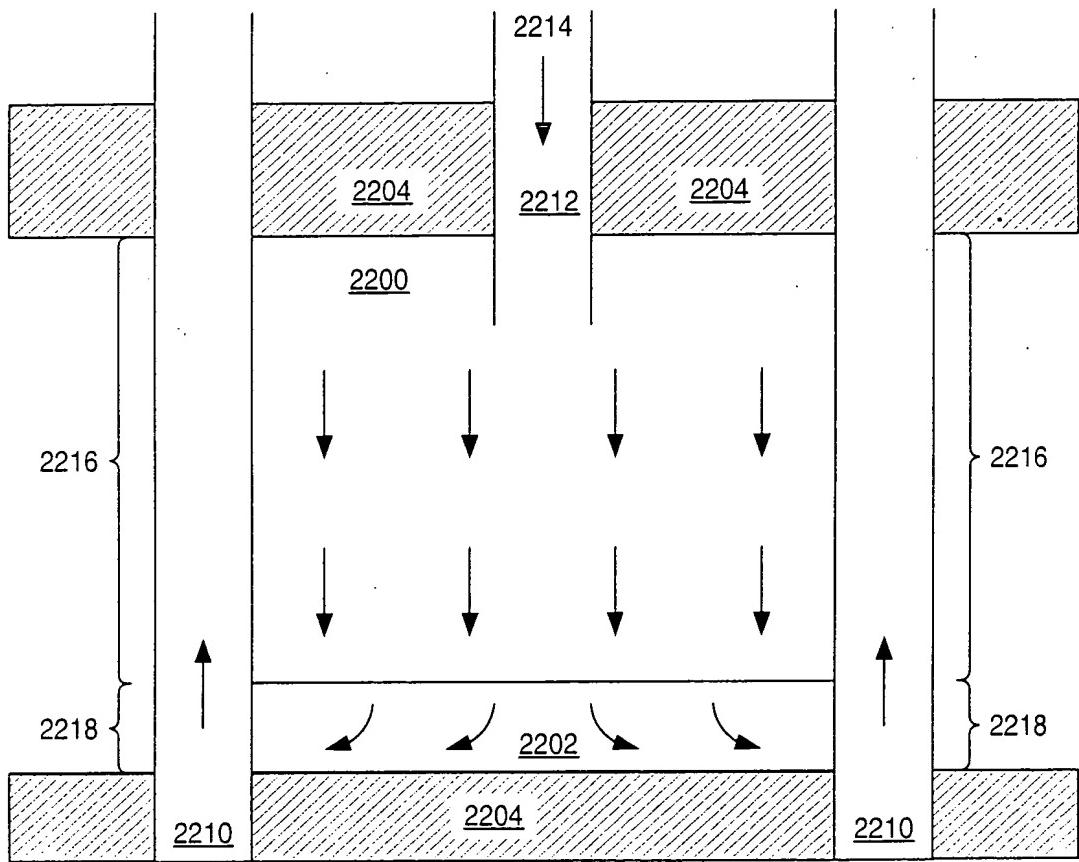


FIG. 44

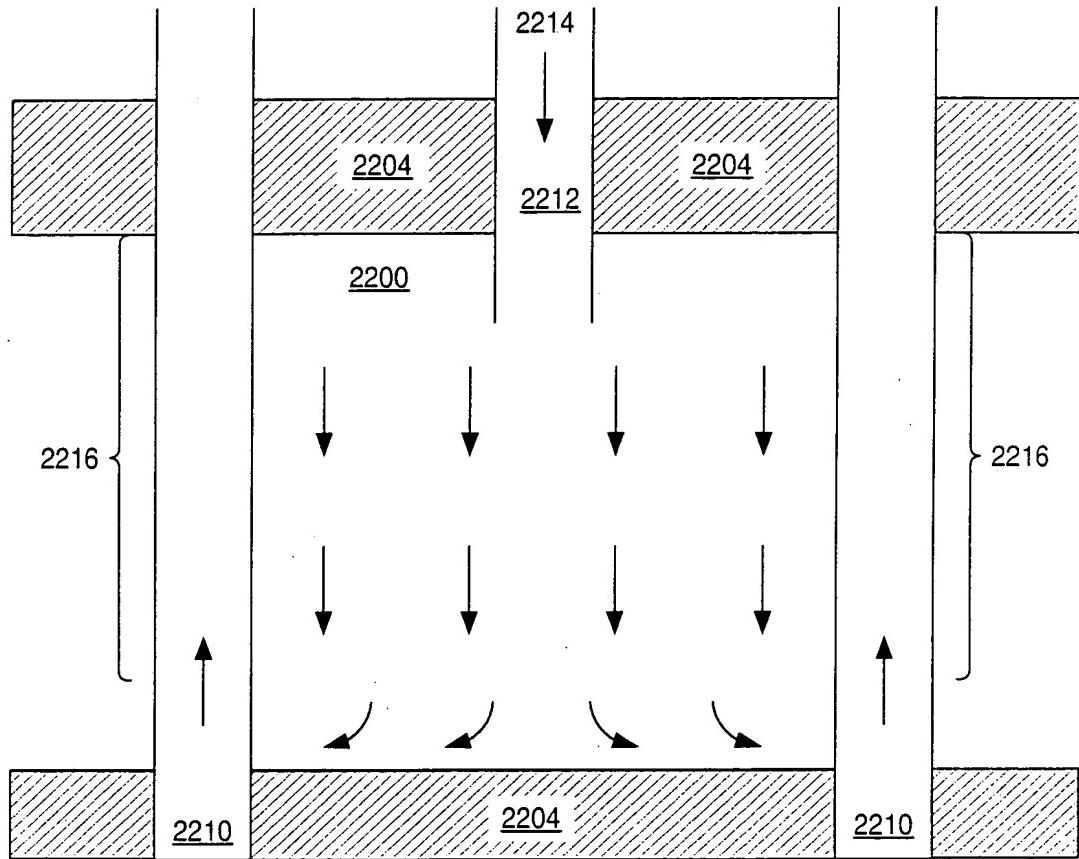


FIG. 45

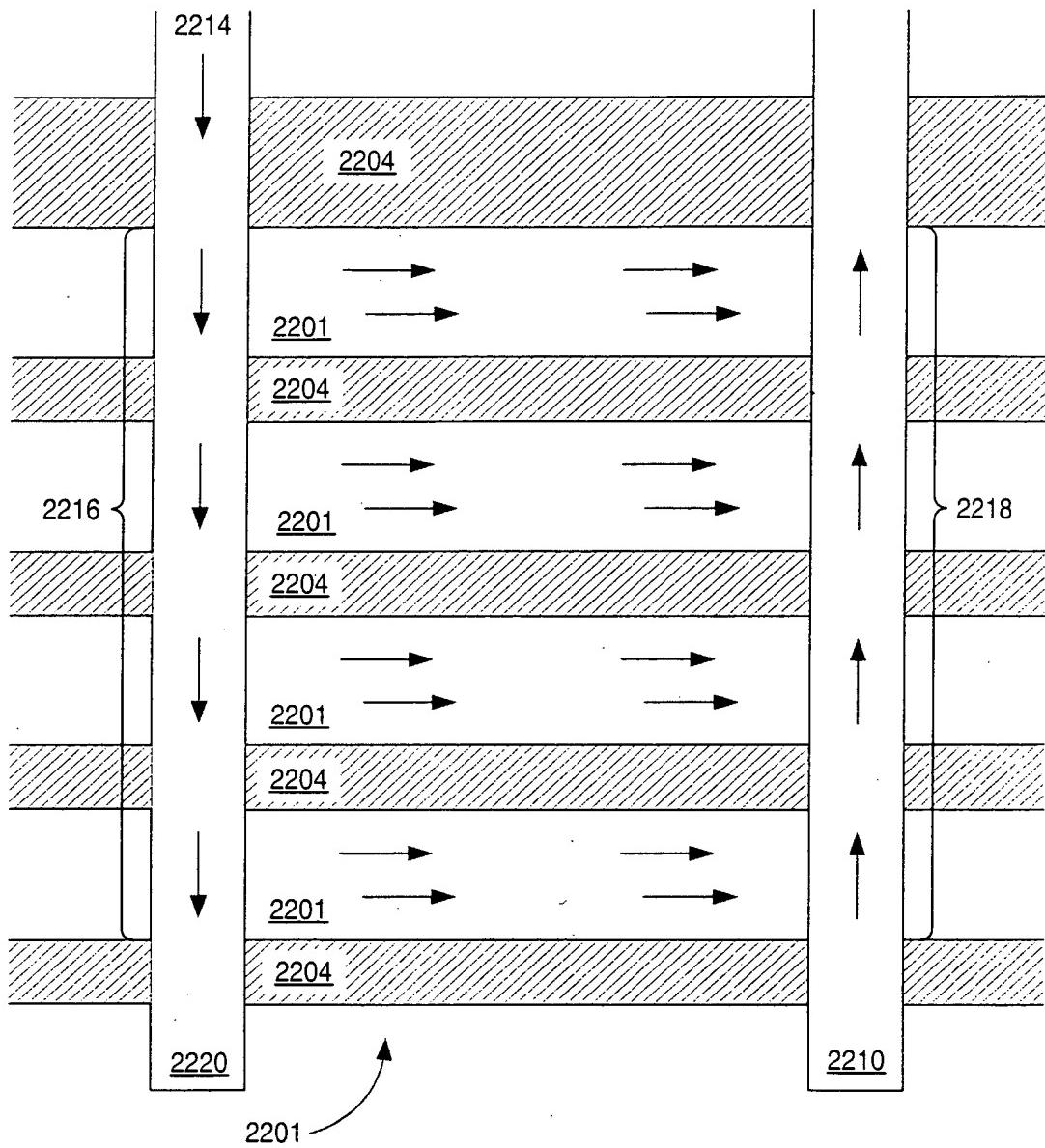
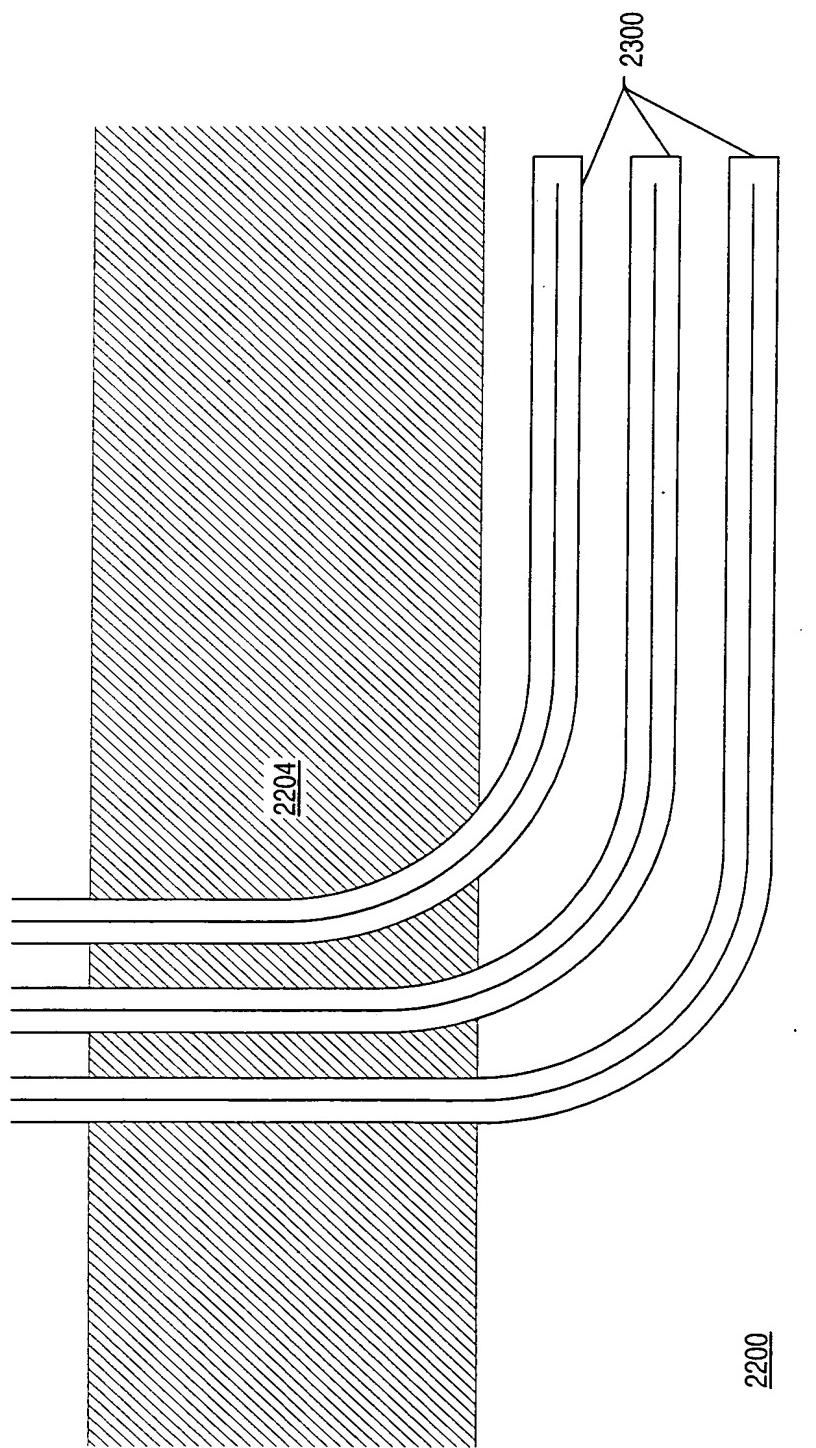


FIG. 46

*FIG. 47*



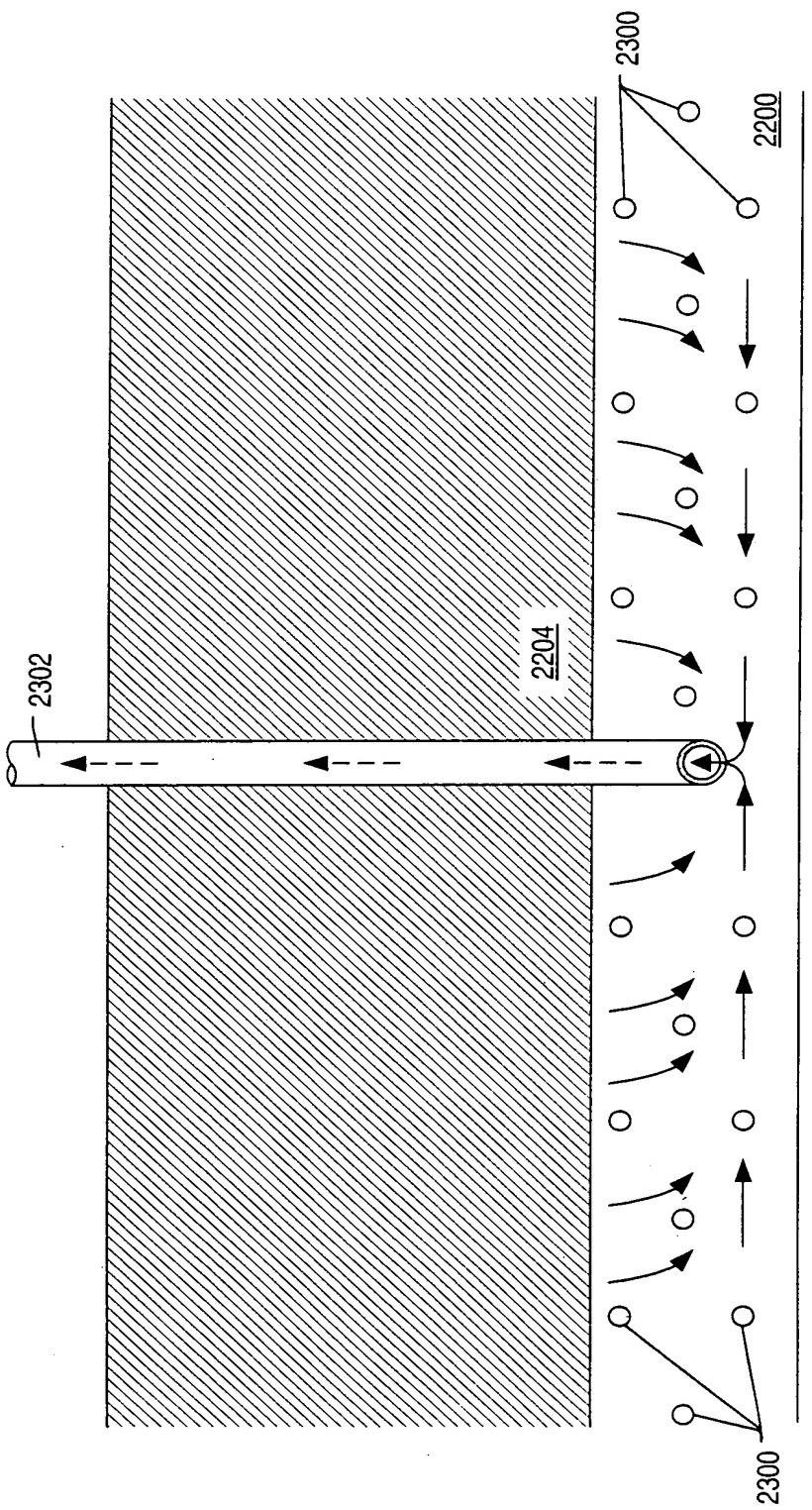


FIG. 48

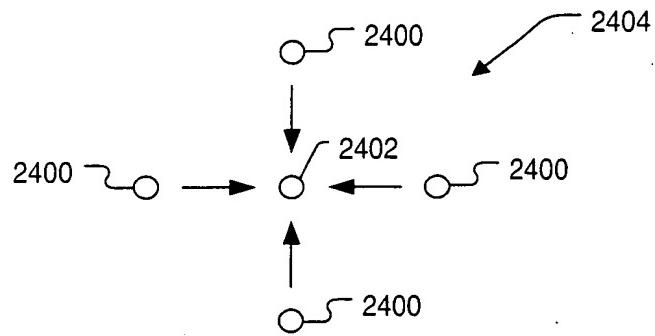


FIG. 49

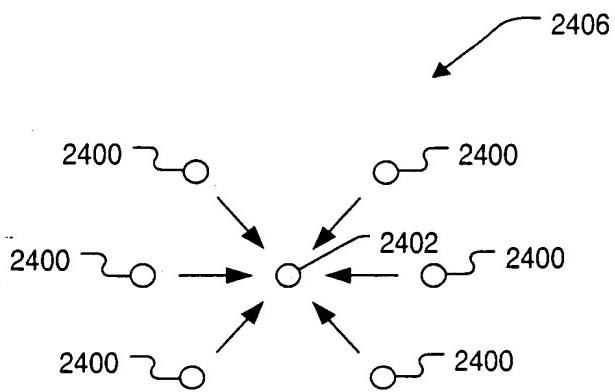
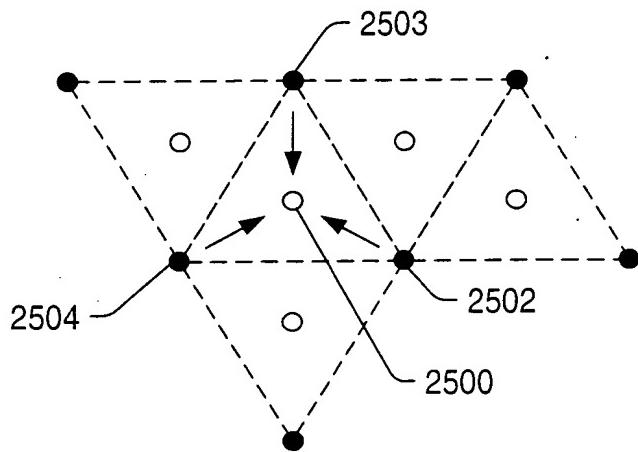
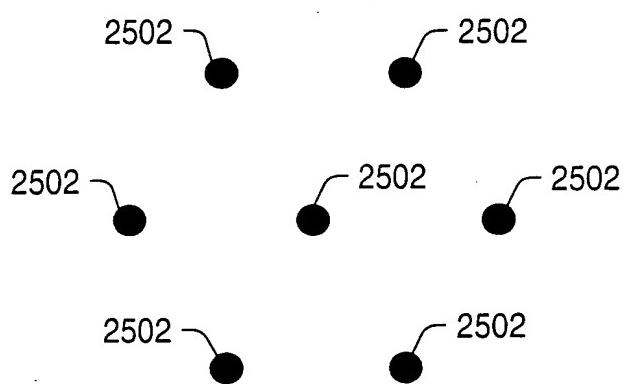


FIG. 50



*FIG. 51*



*FIG. 52*

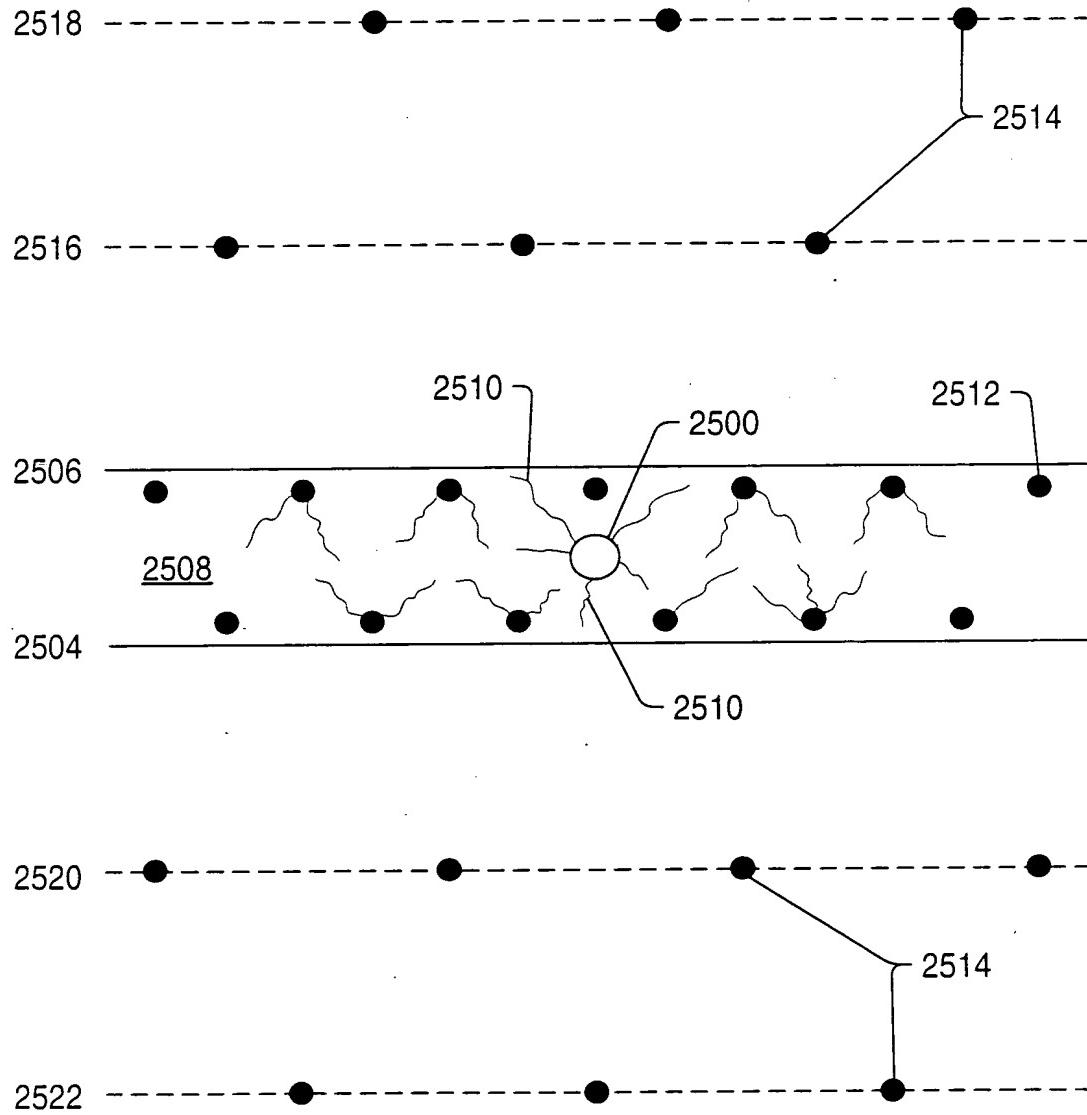
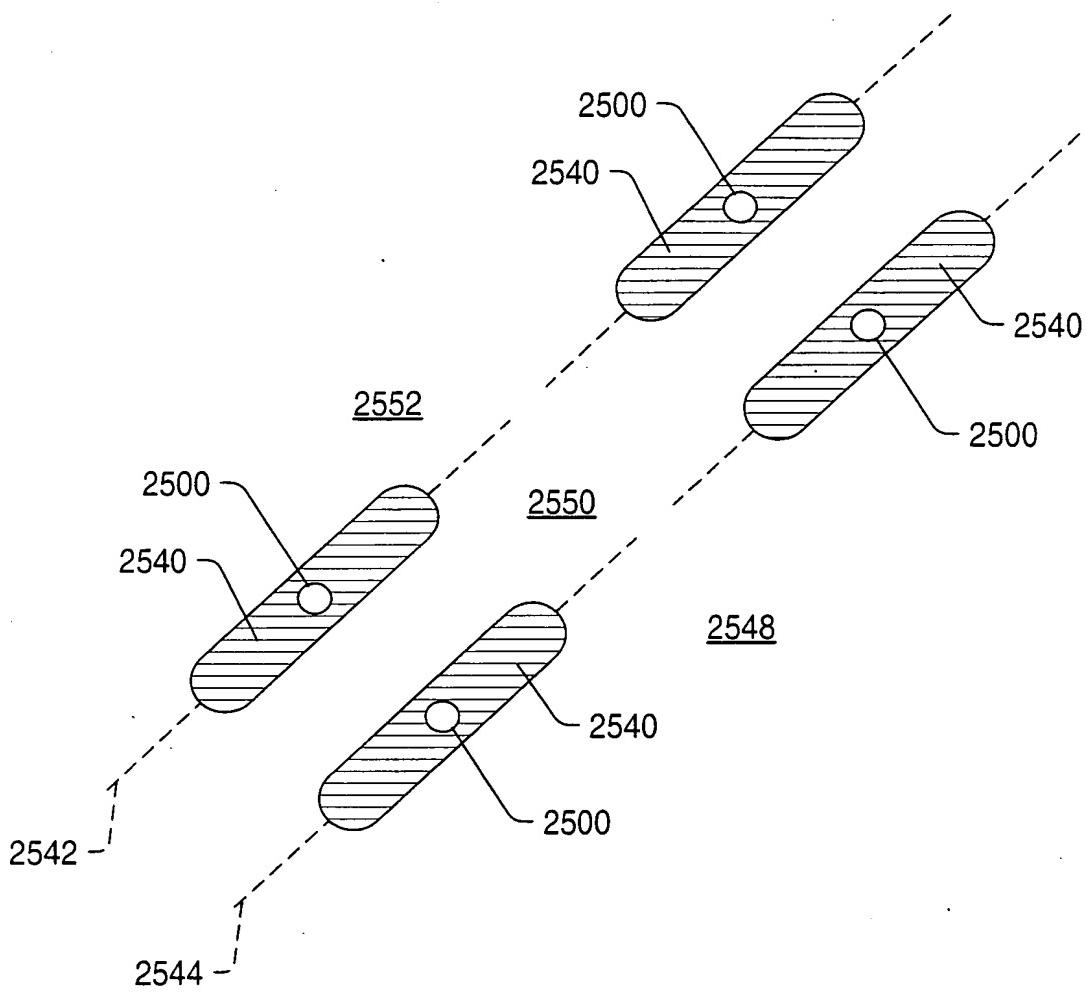


FIG. 53



*FIG. 54*

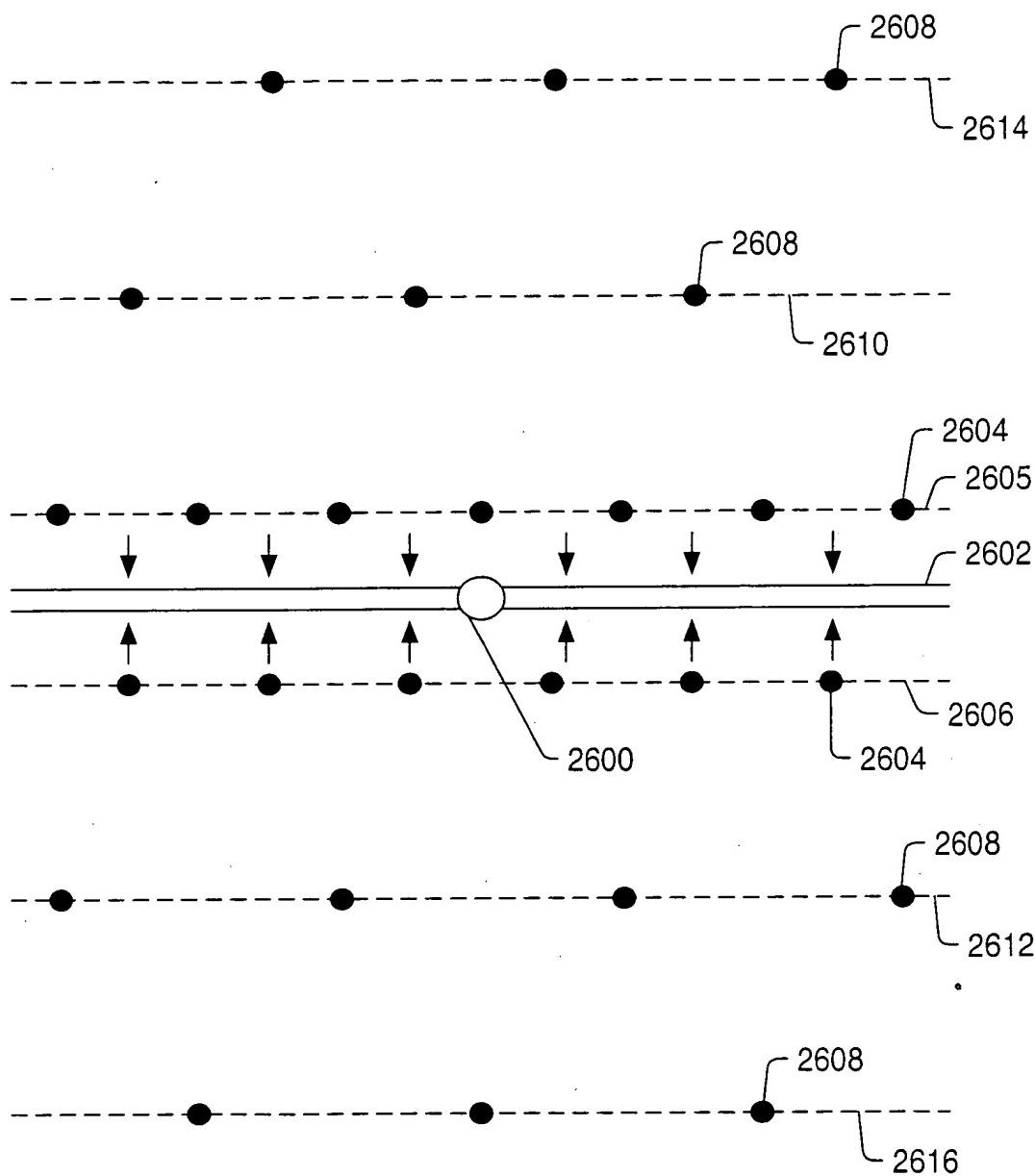


FIG. 55

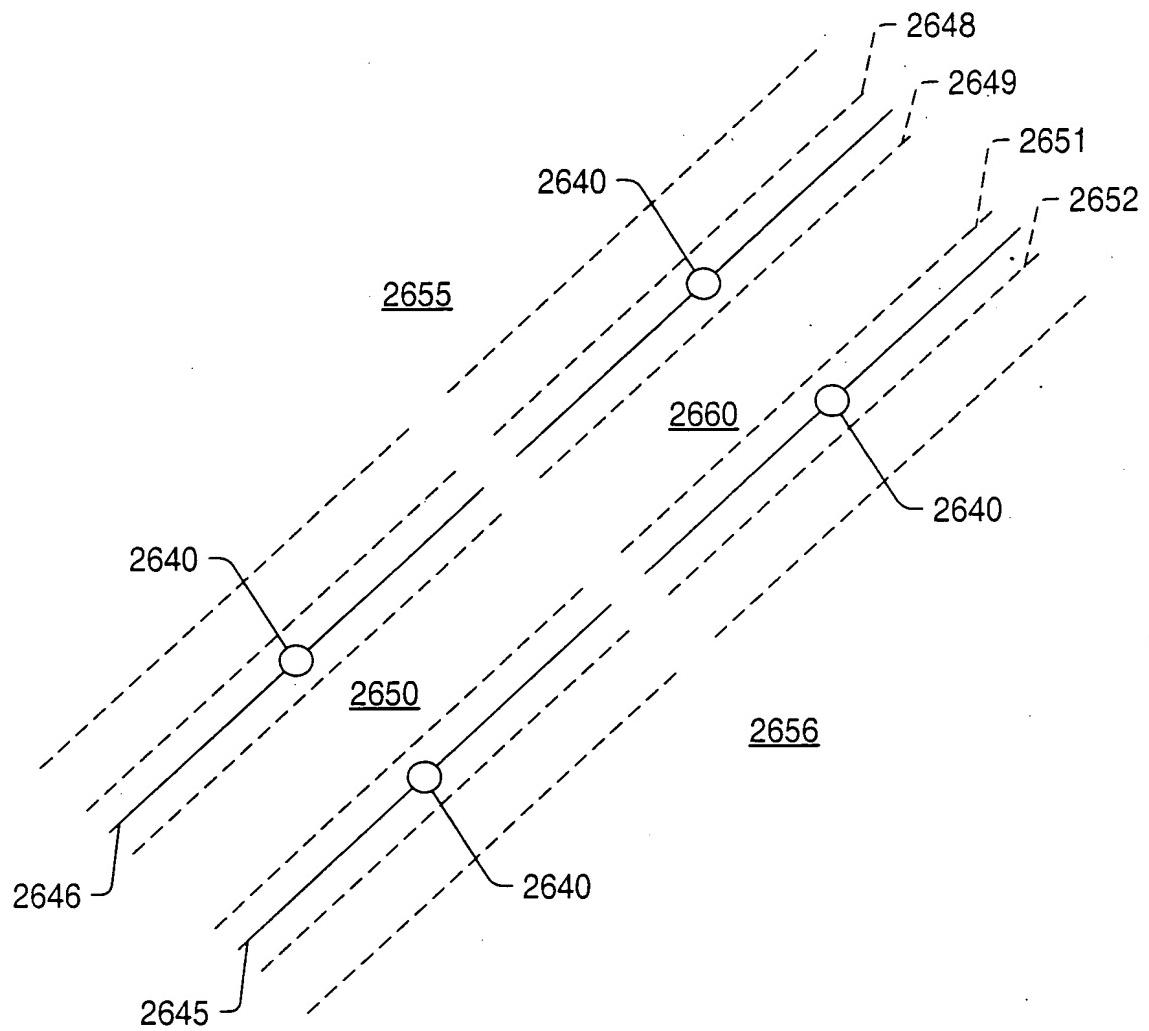


FIG. 56

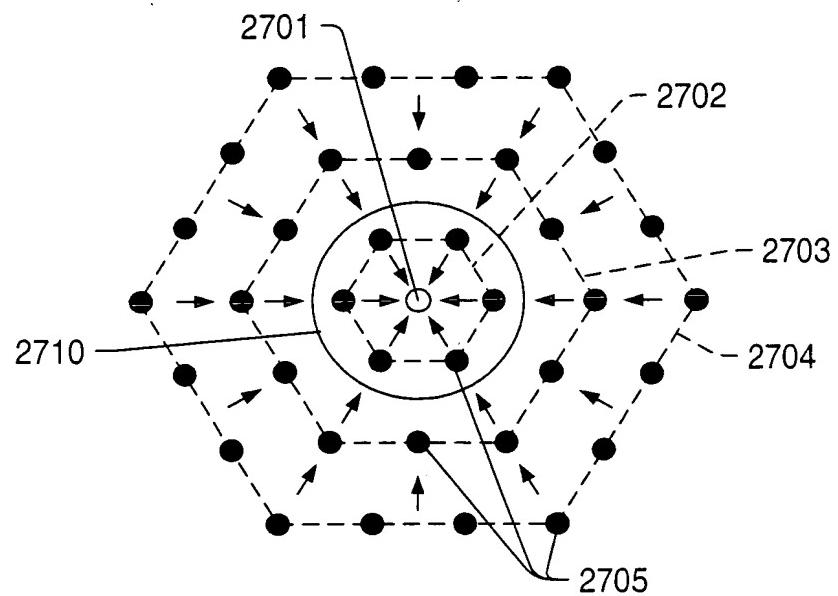


FIG. 57

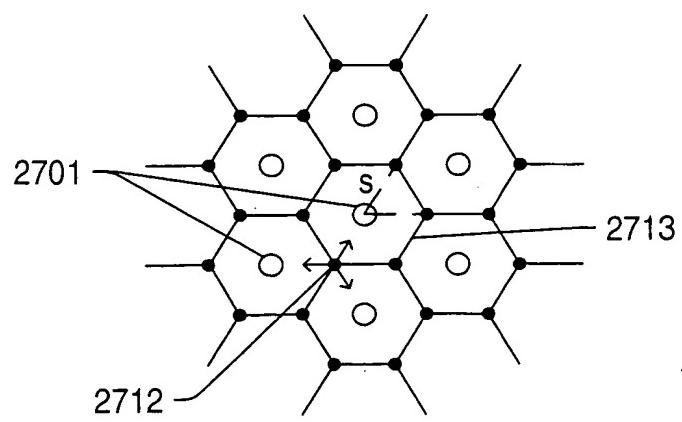


FIG. 58

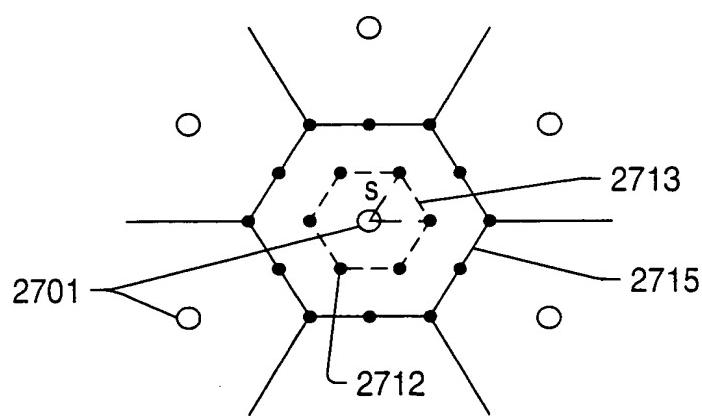


FIG. 59

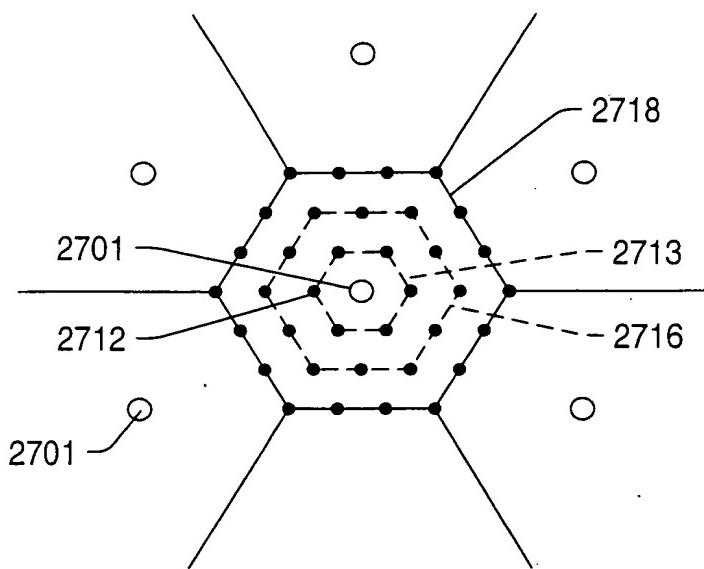


FIG. 60

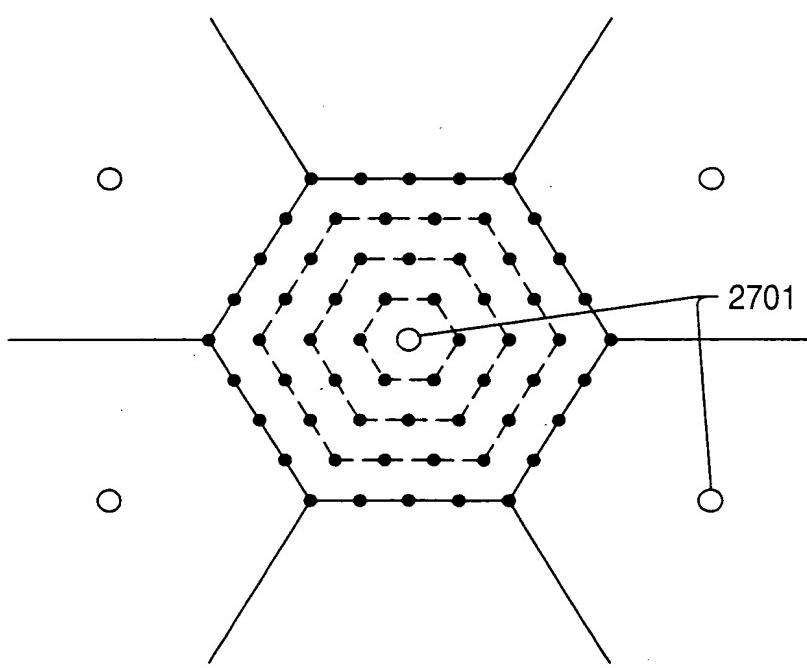


FIG. 61

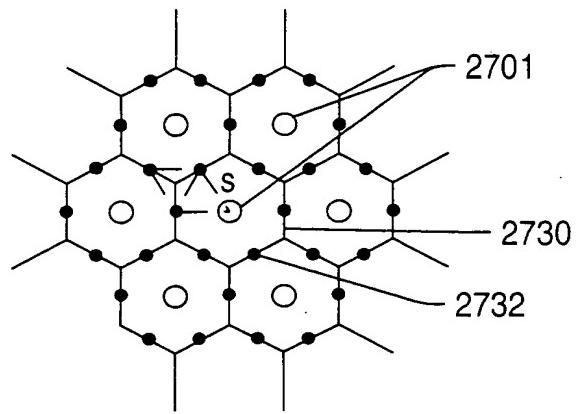


FIG. 62

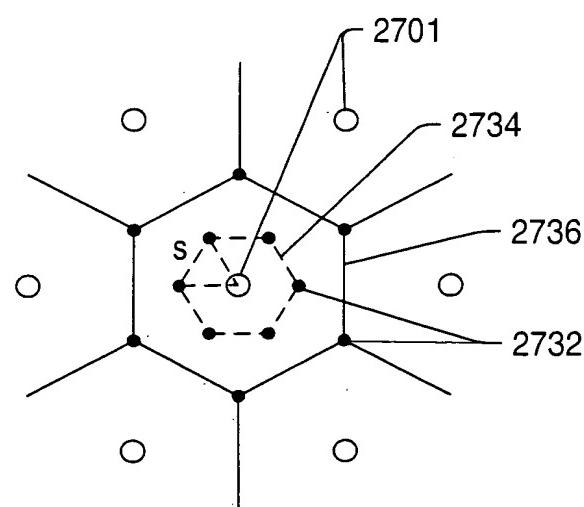


FIG. 63

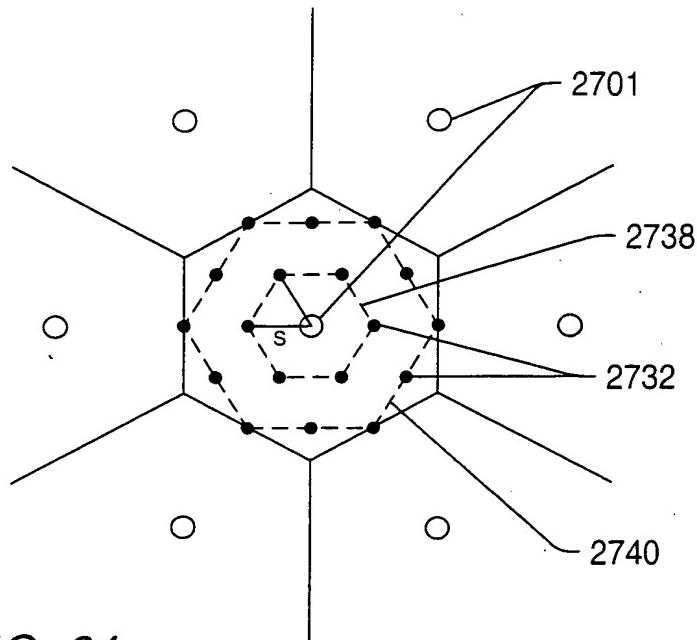


FIG. 64

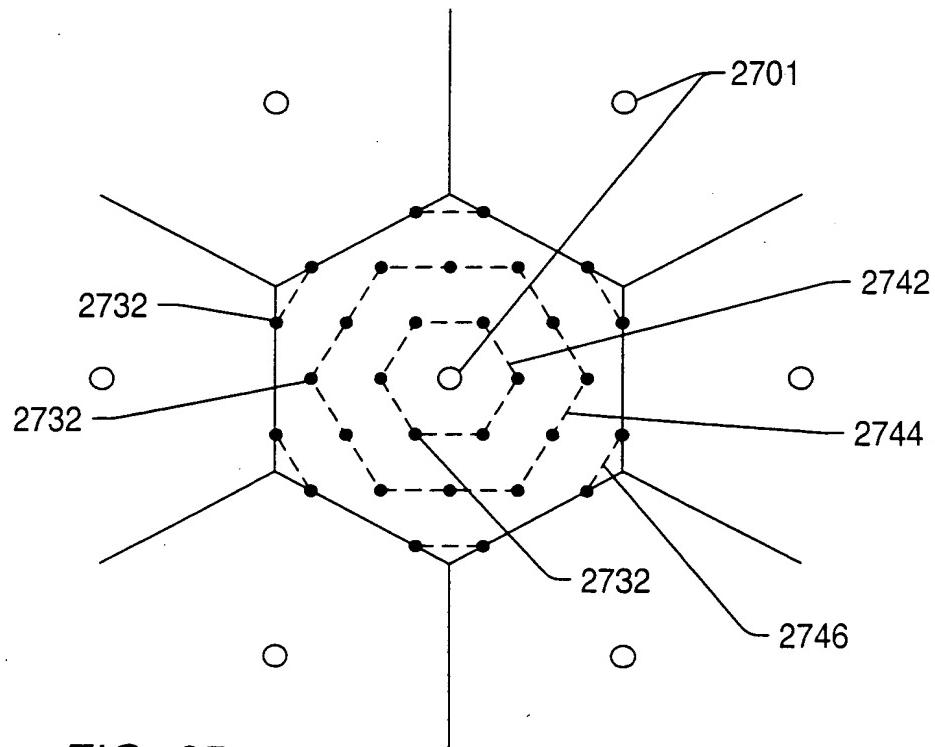


FIG. 65

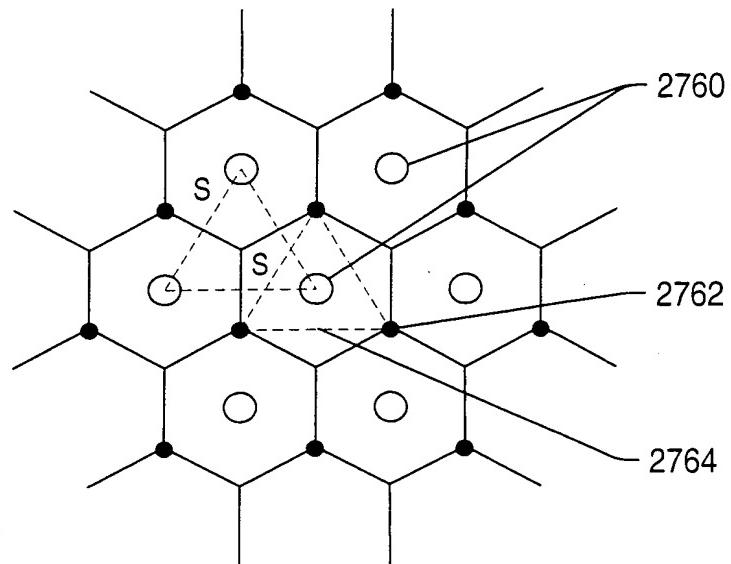


FIG. 66

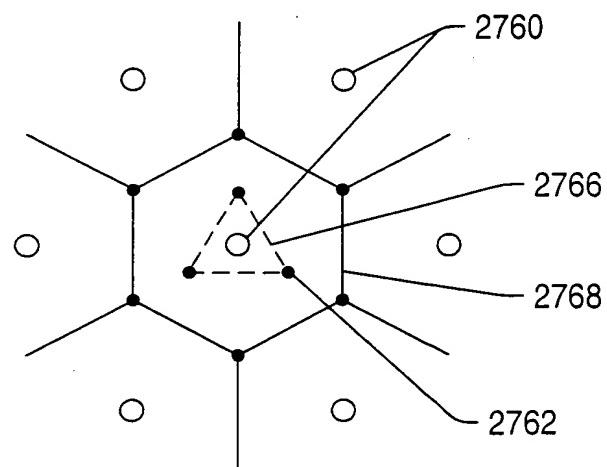


FIG. 67

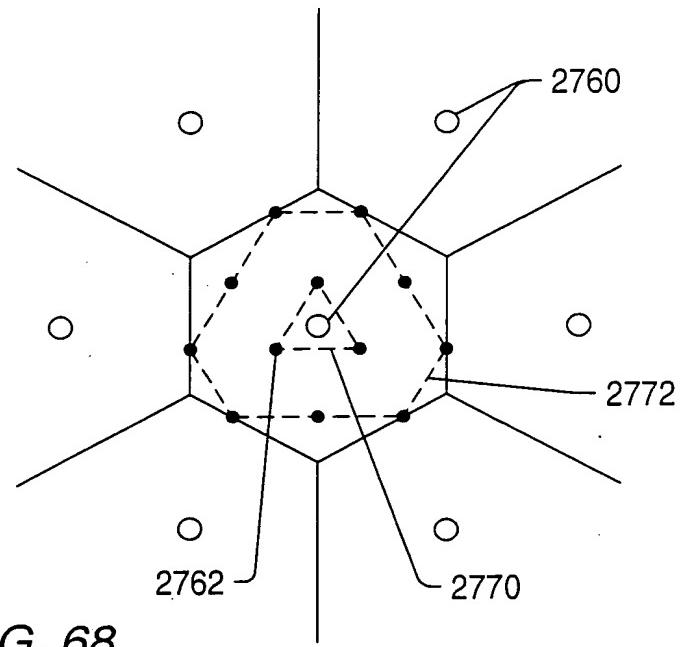


FIG. 68

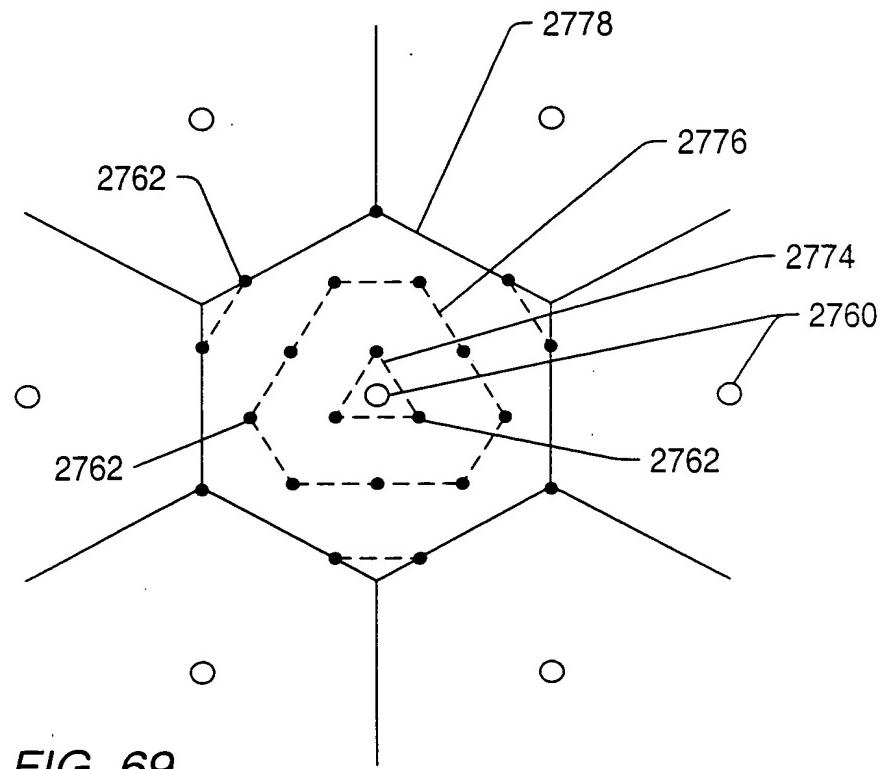


FIG. 69

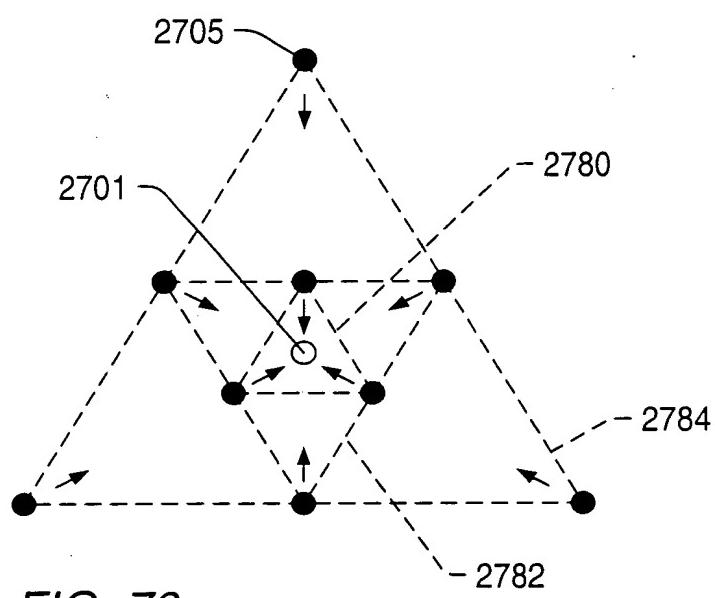


FIG. 70

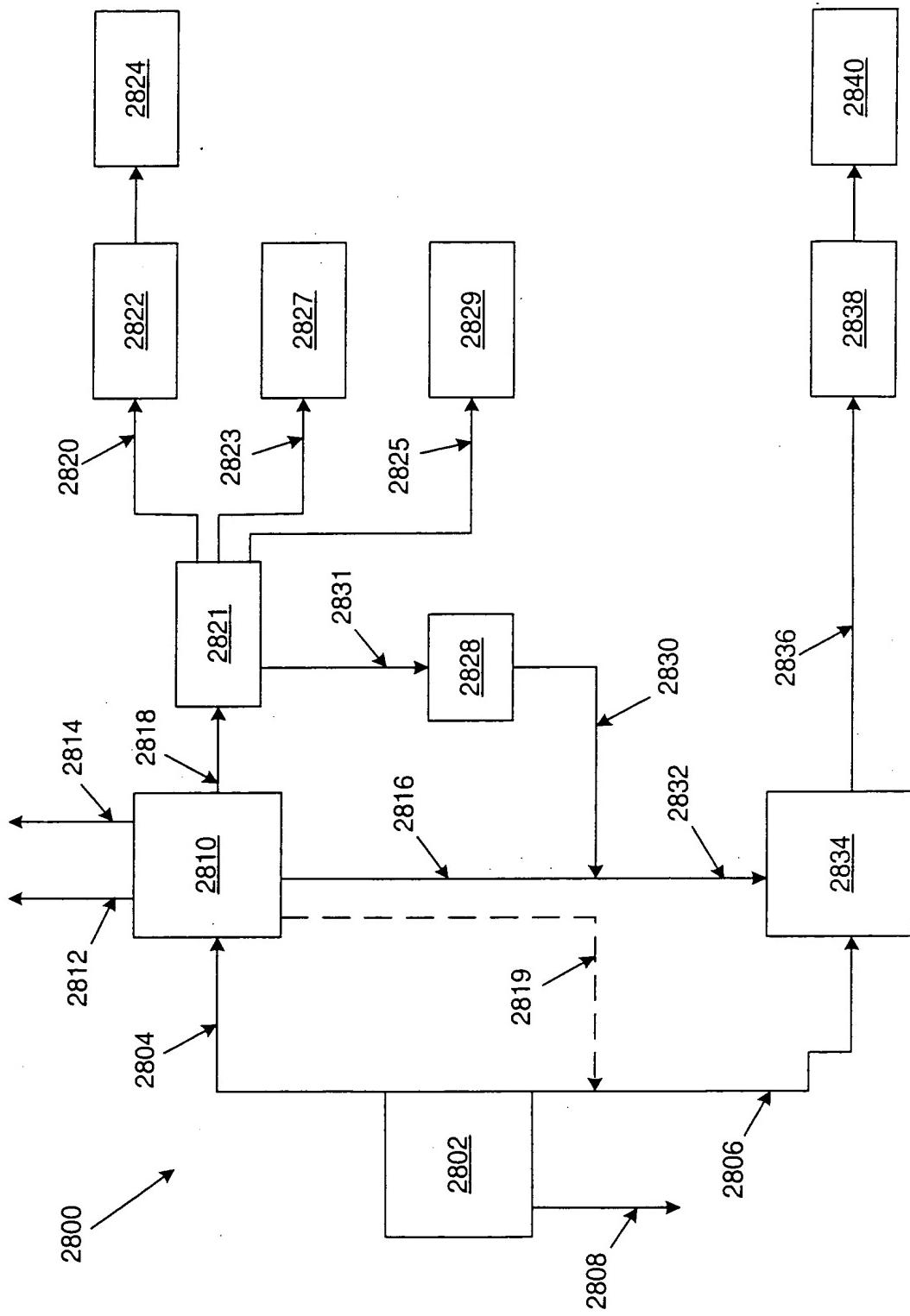


Fig. 71

90000000000000000000000000000000

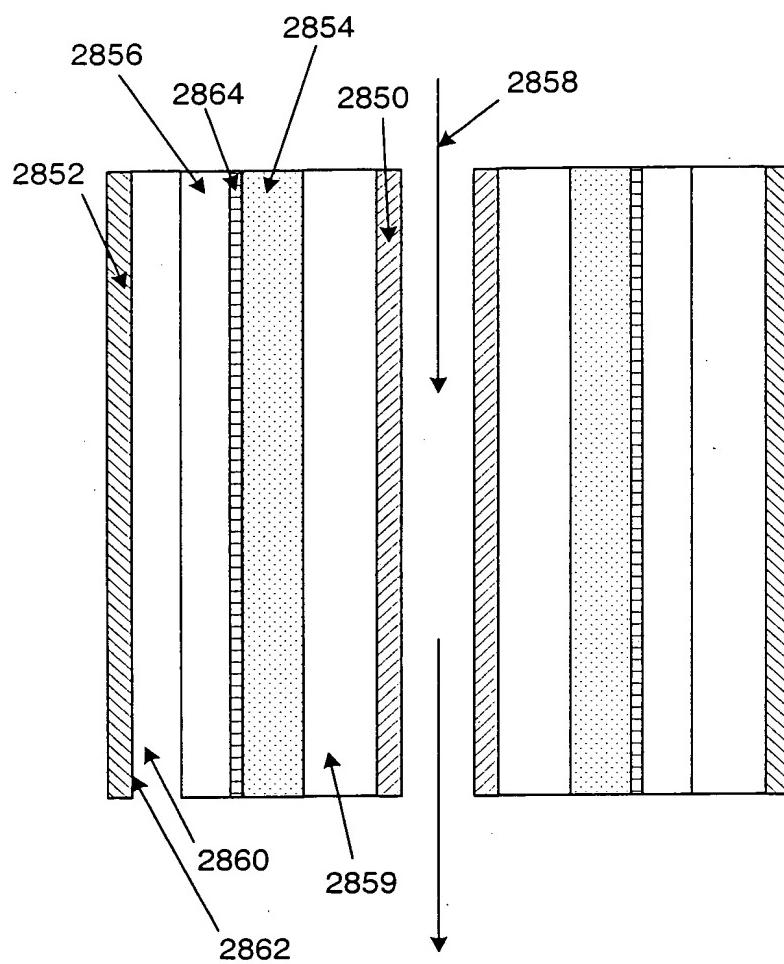


Fig. 72

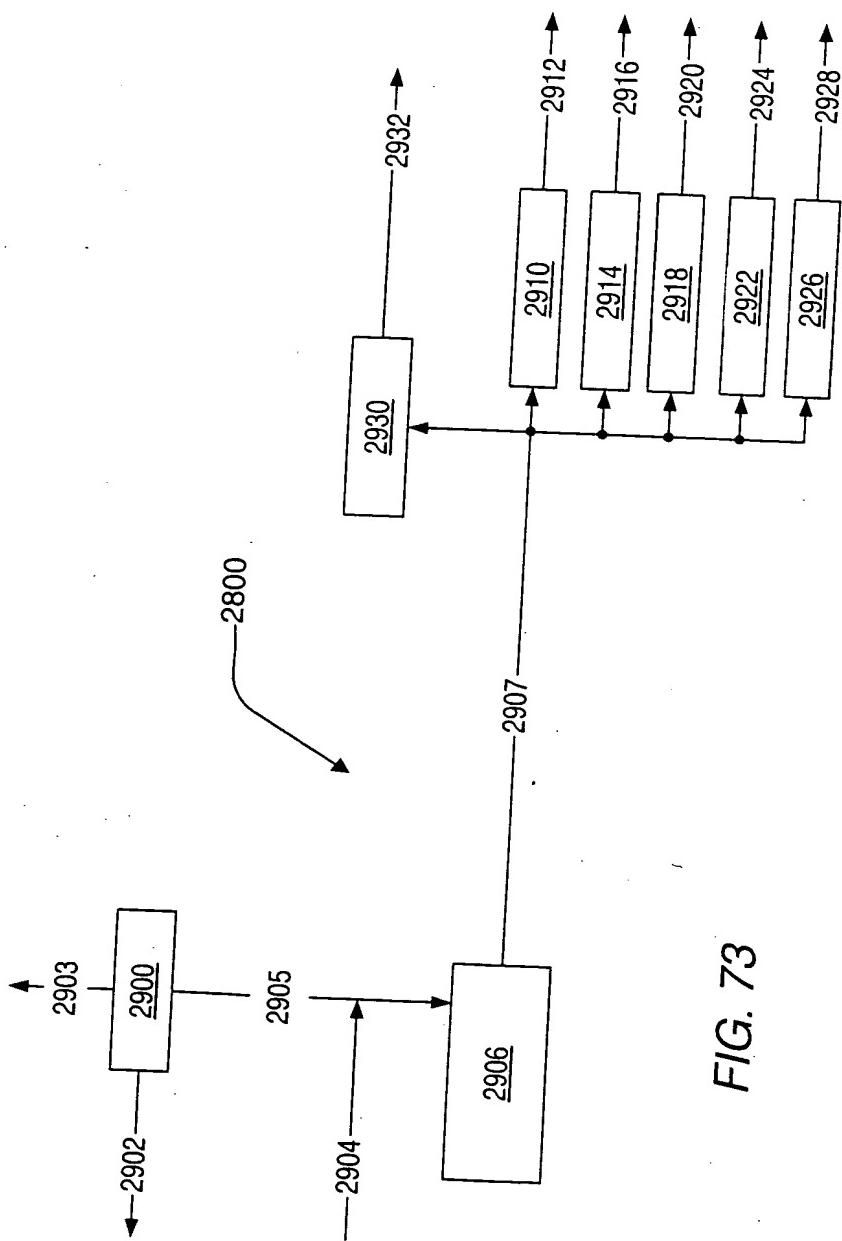
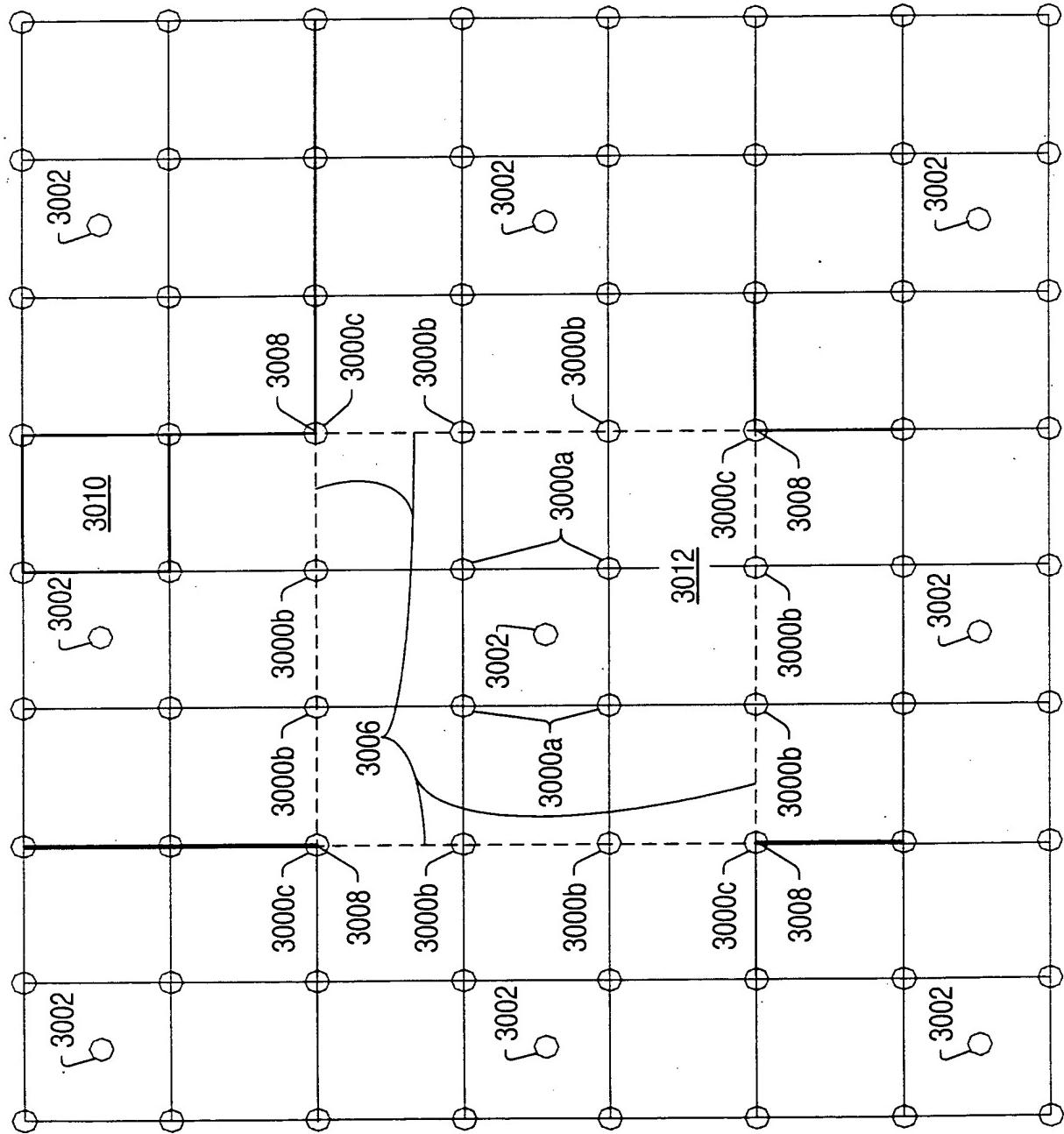


FIG. 73

FIG. 74



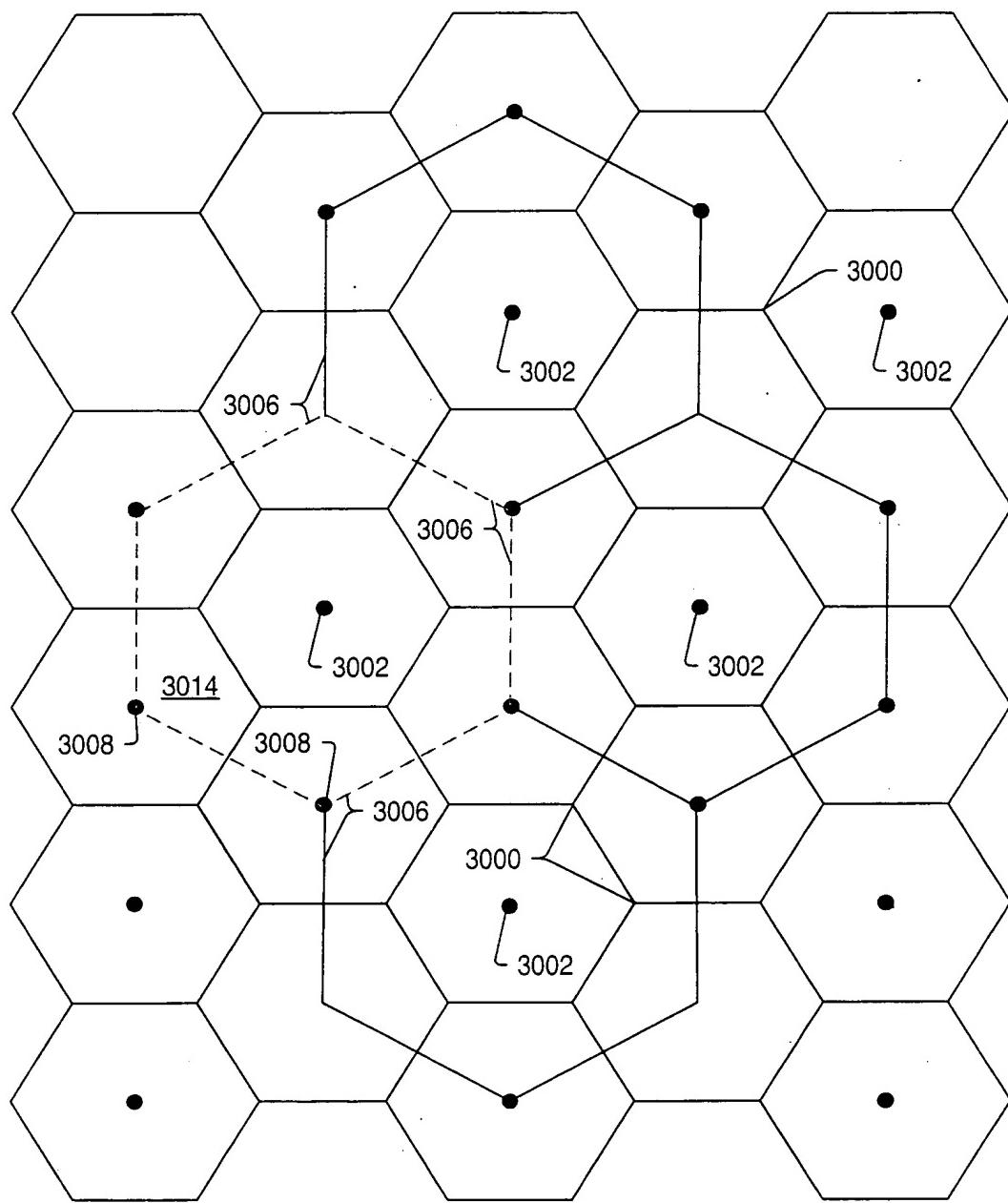


FIG. 75

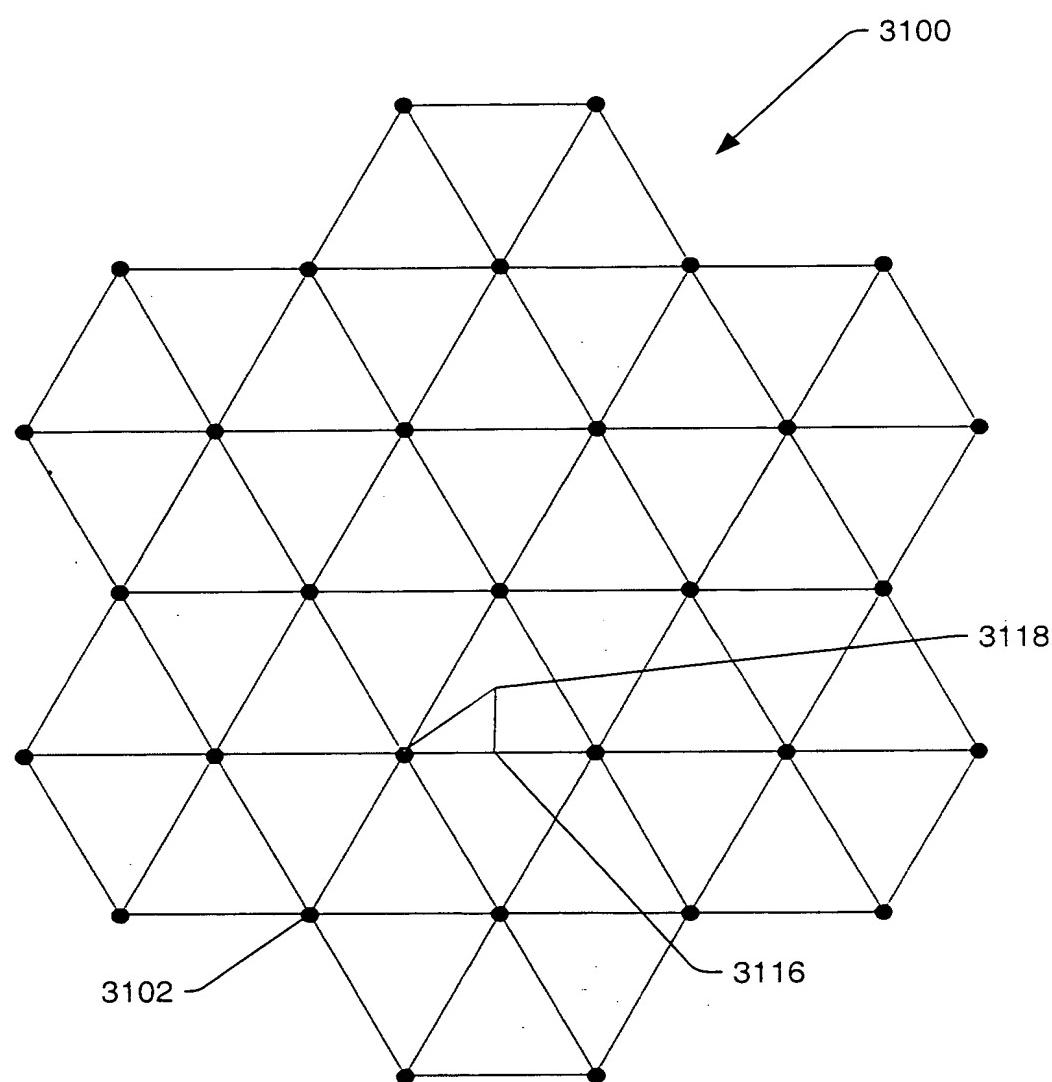


FIG. 76

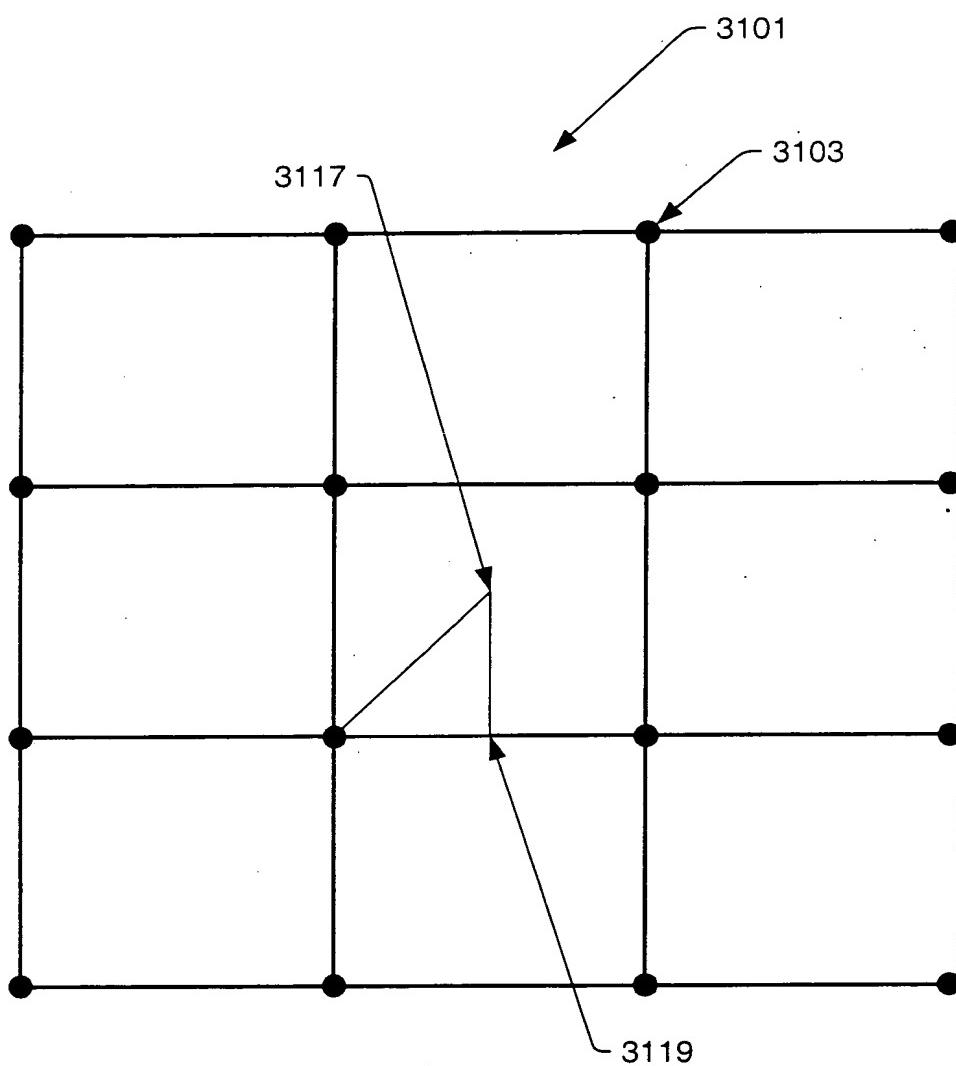


FIG. 76a

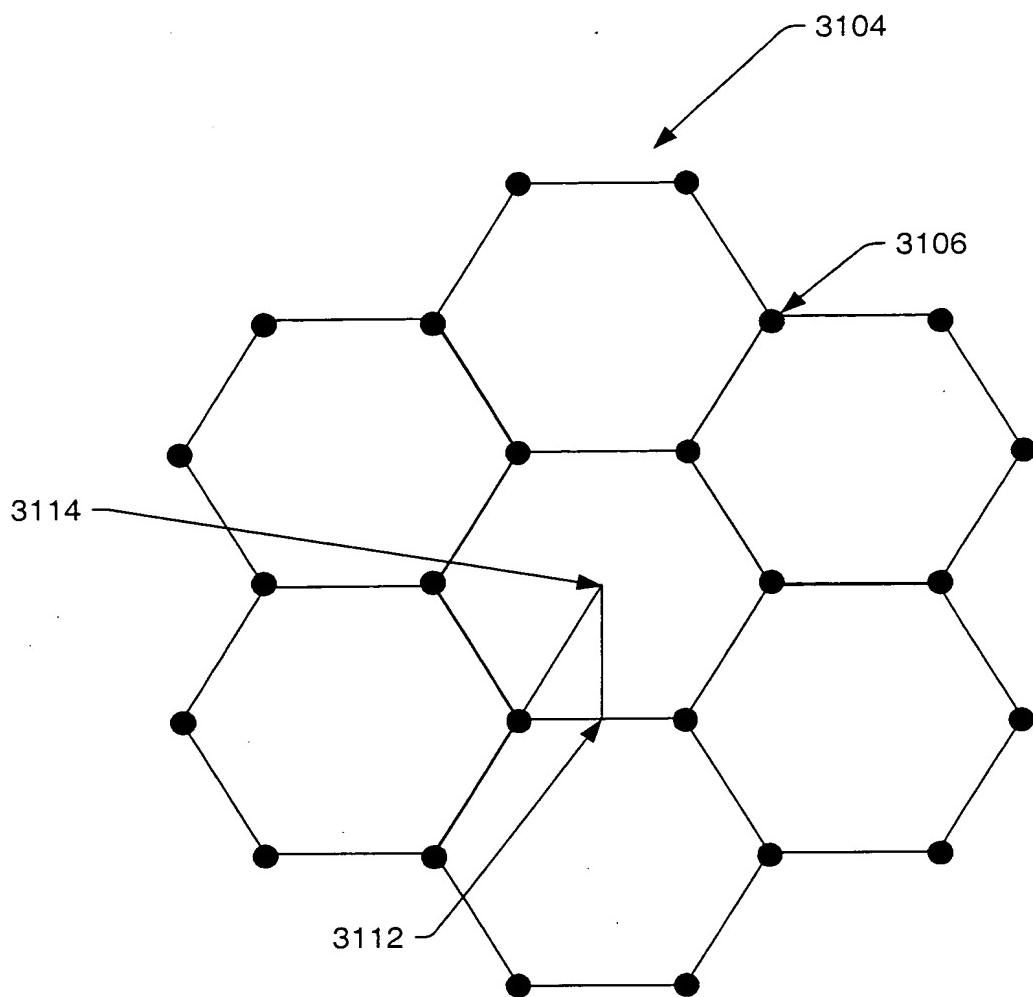


FIG. 77

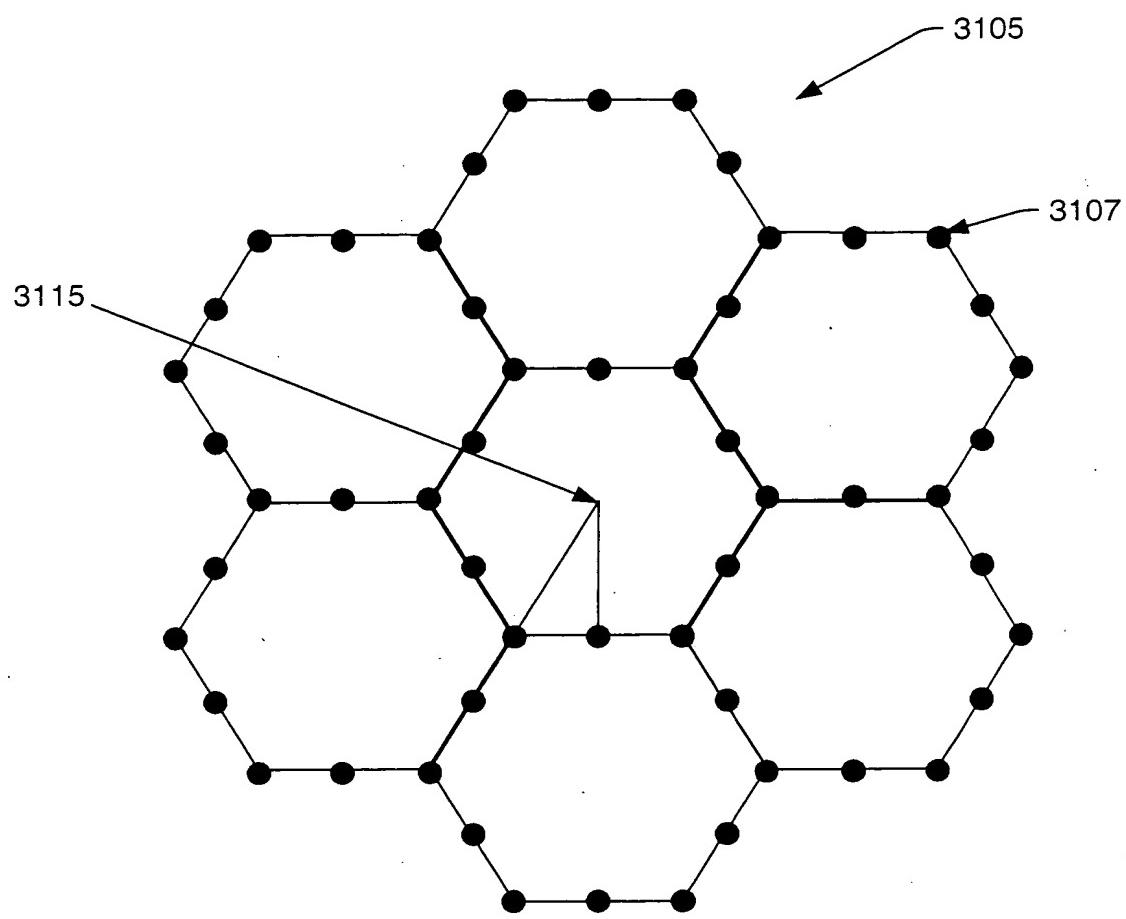


FIG. 77a

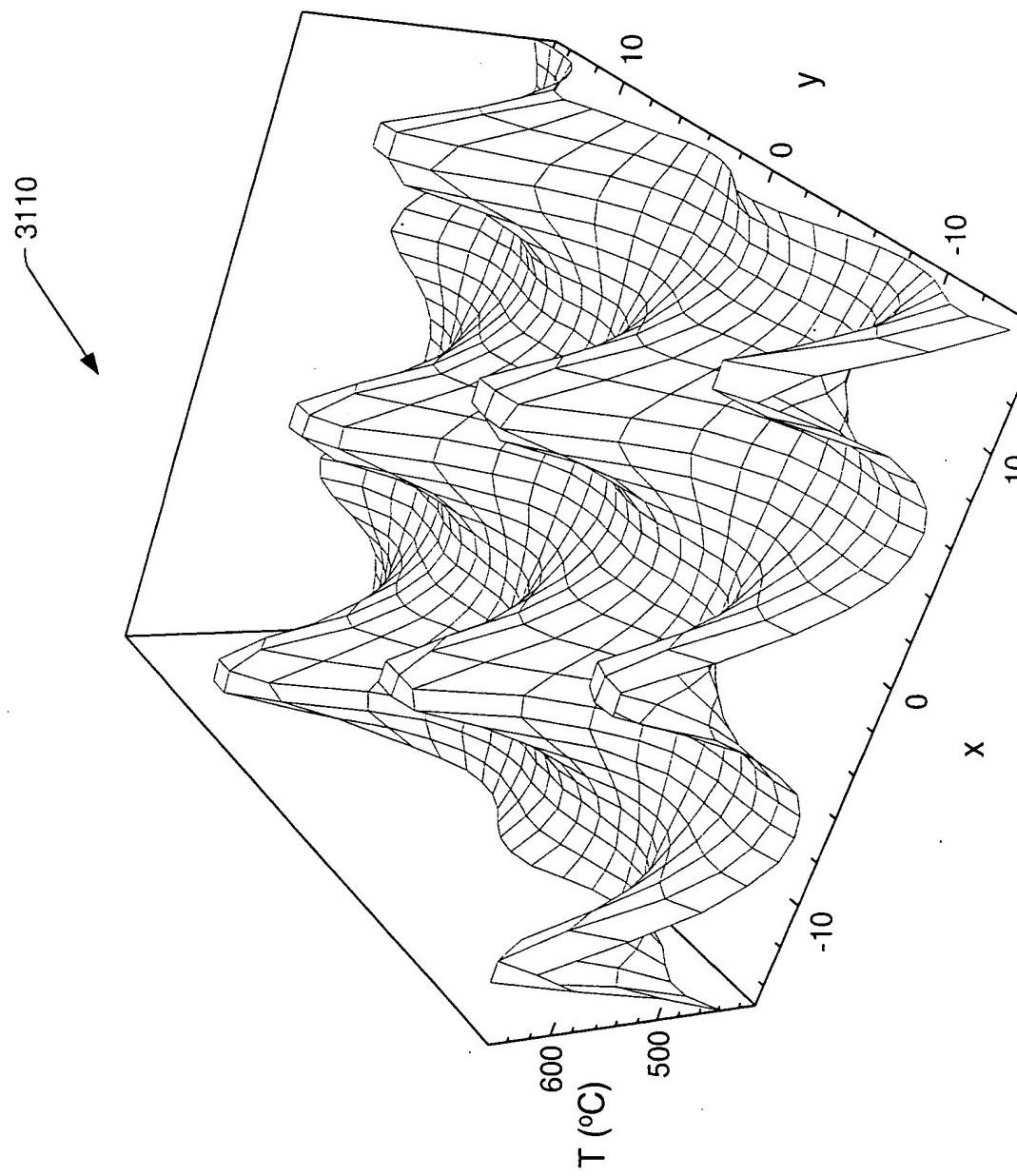


FIG. 78

3108

3108

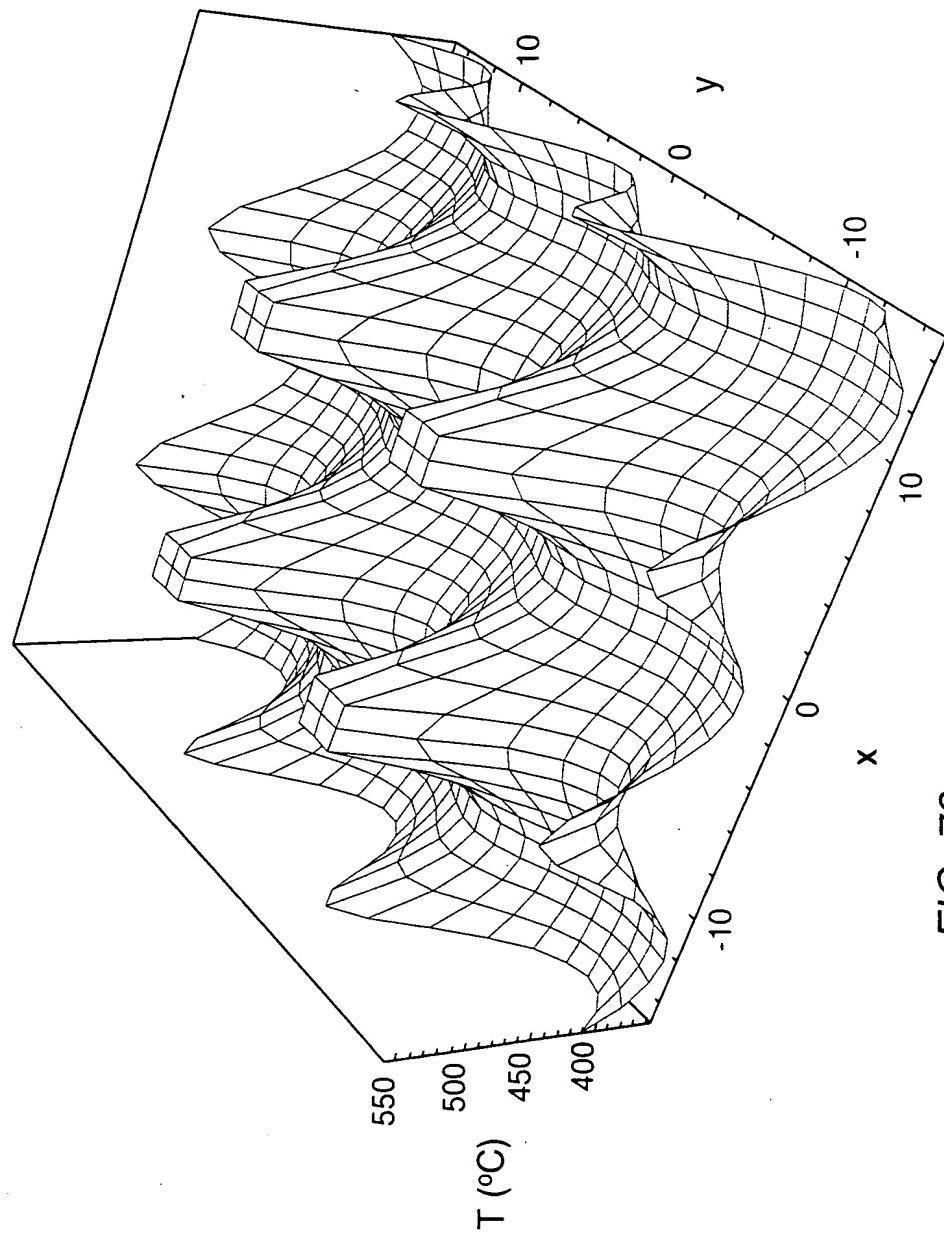


FIG. 79

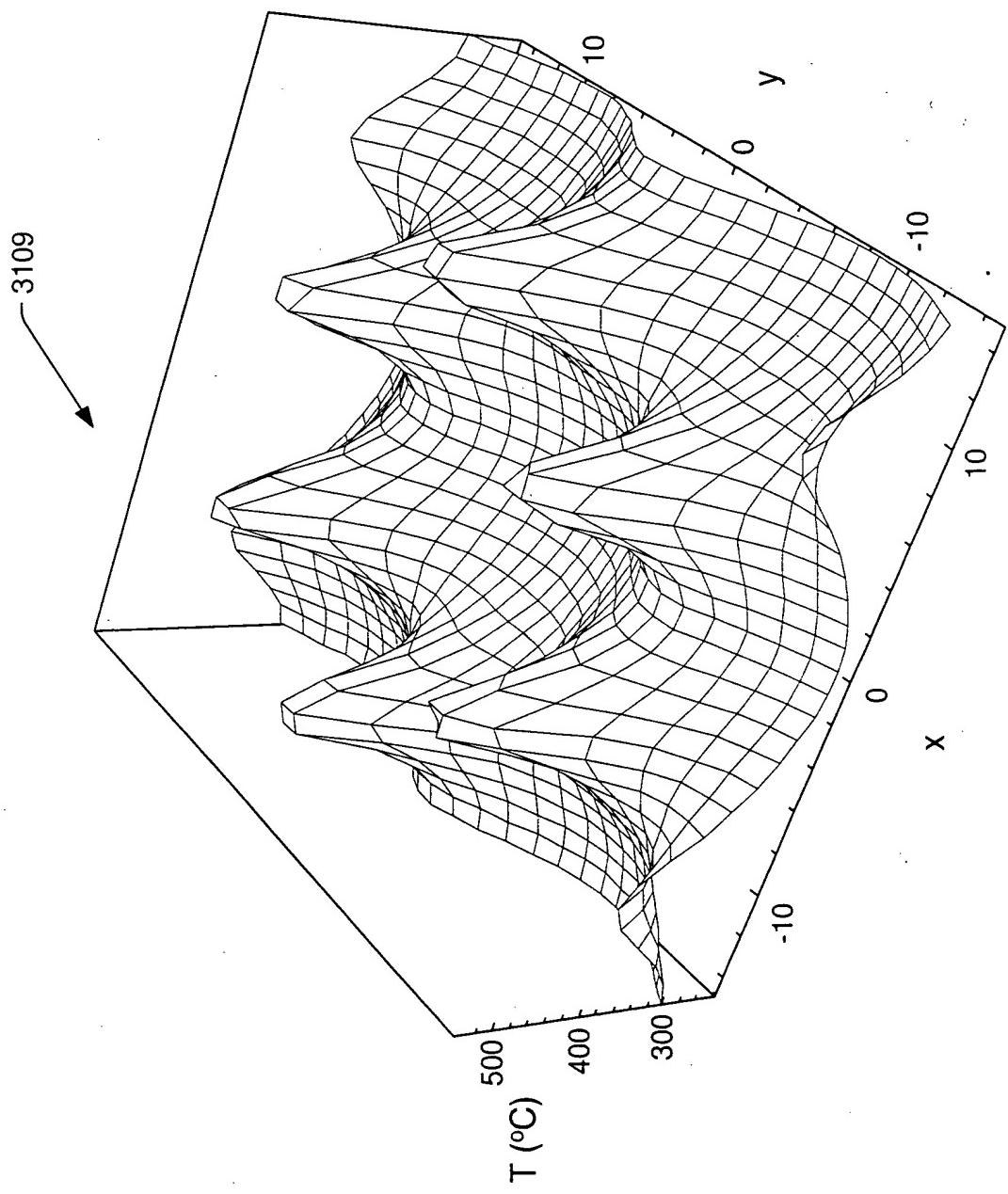
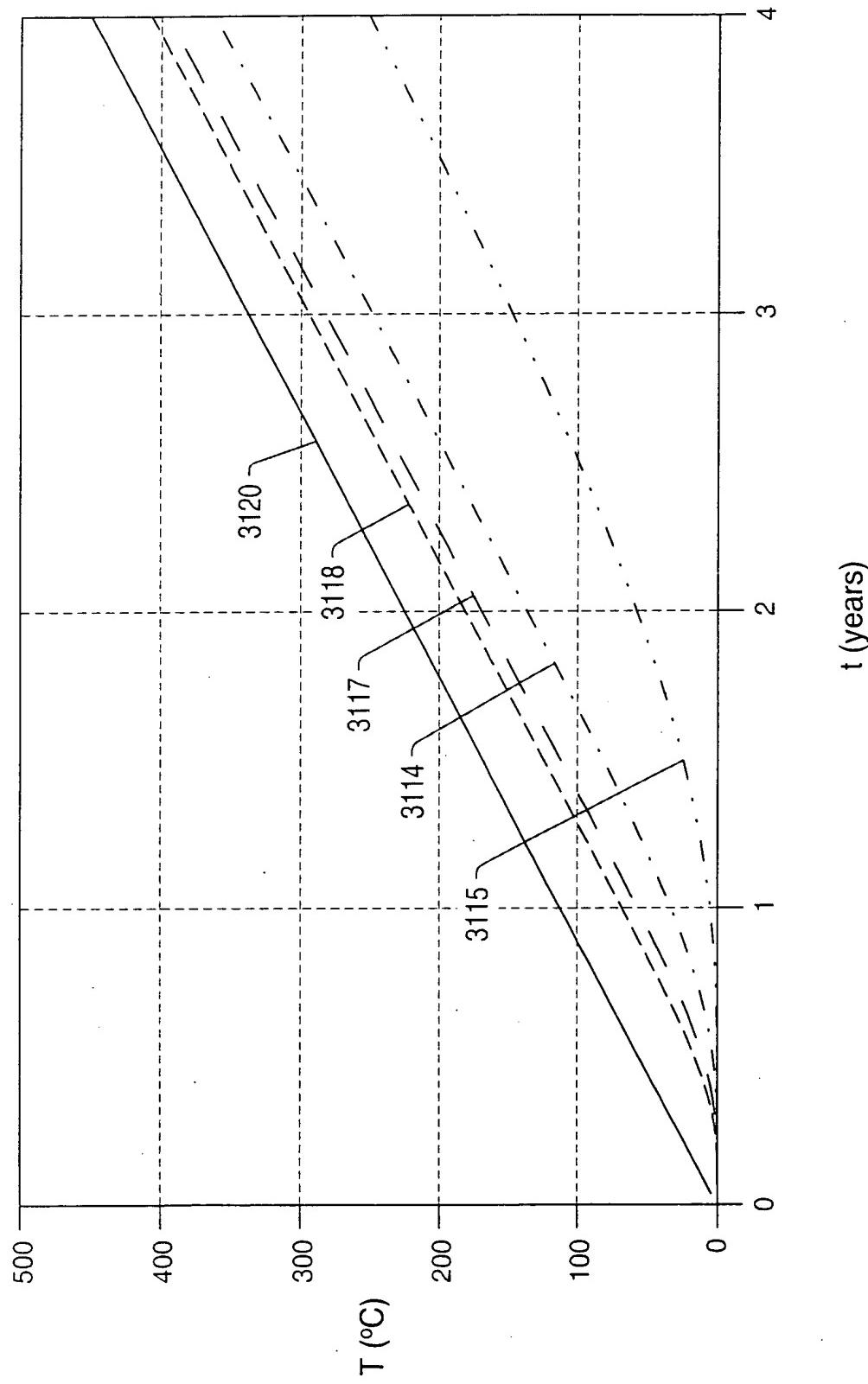


FIG. 79a

FIG. 80



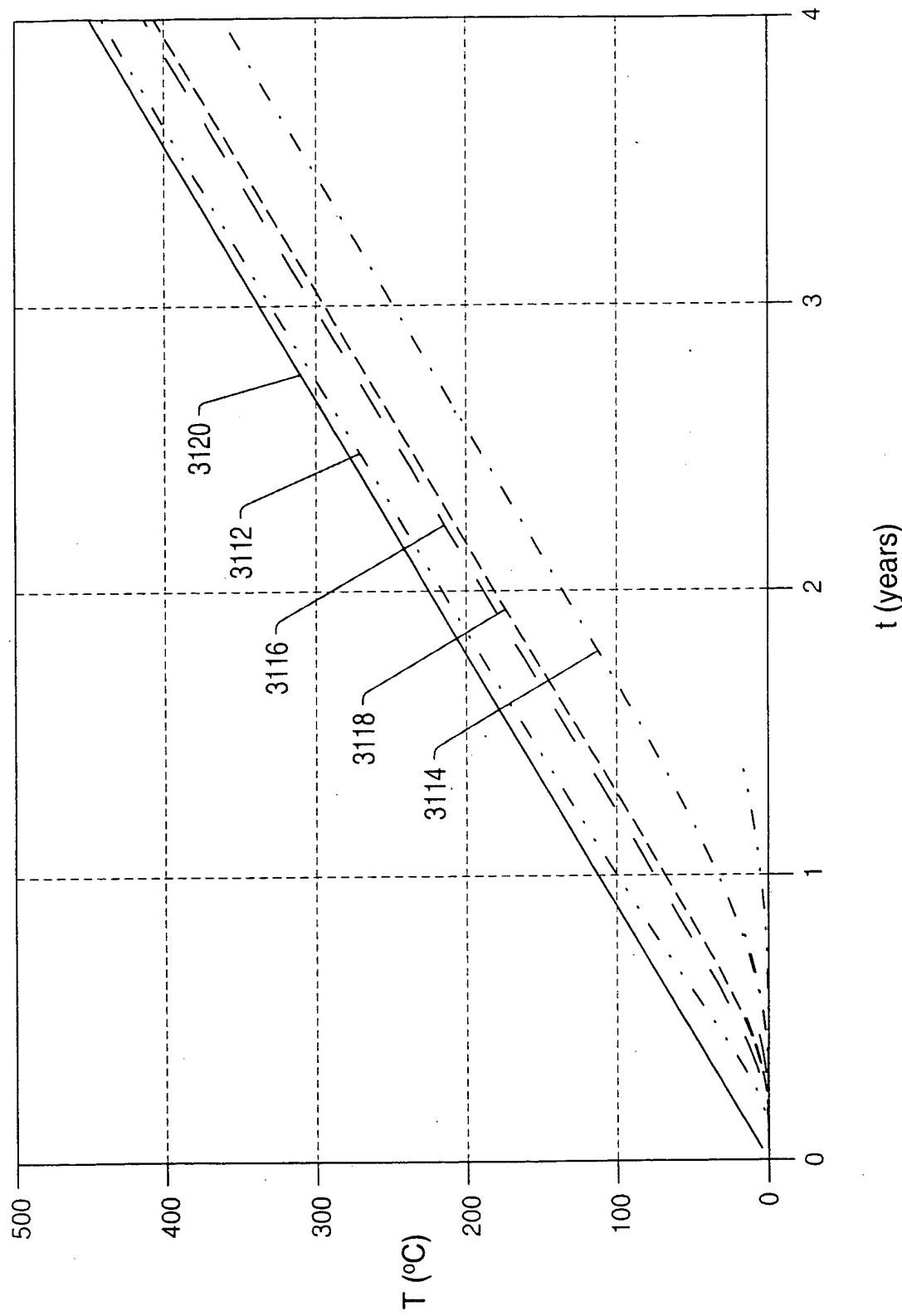


FIG. 81

FIG. 81a

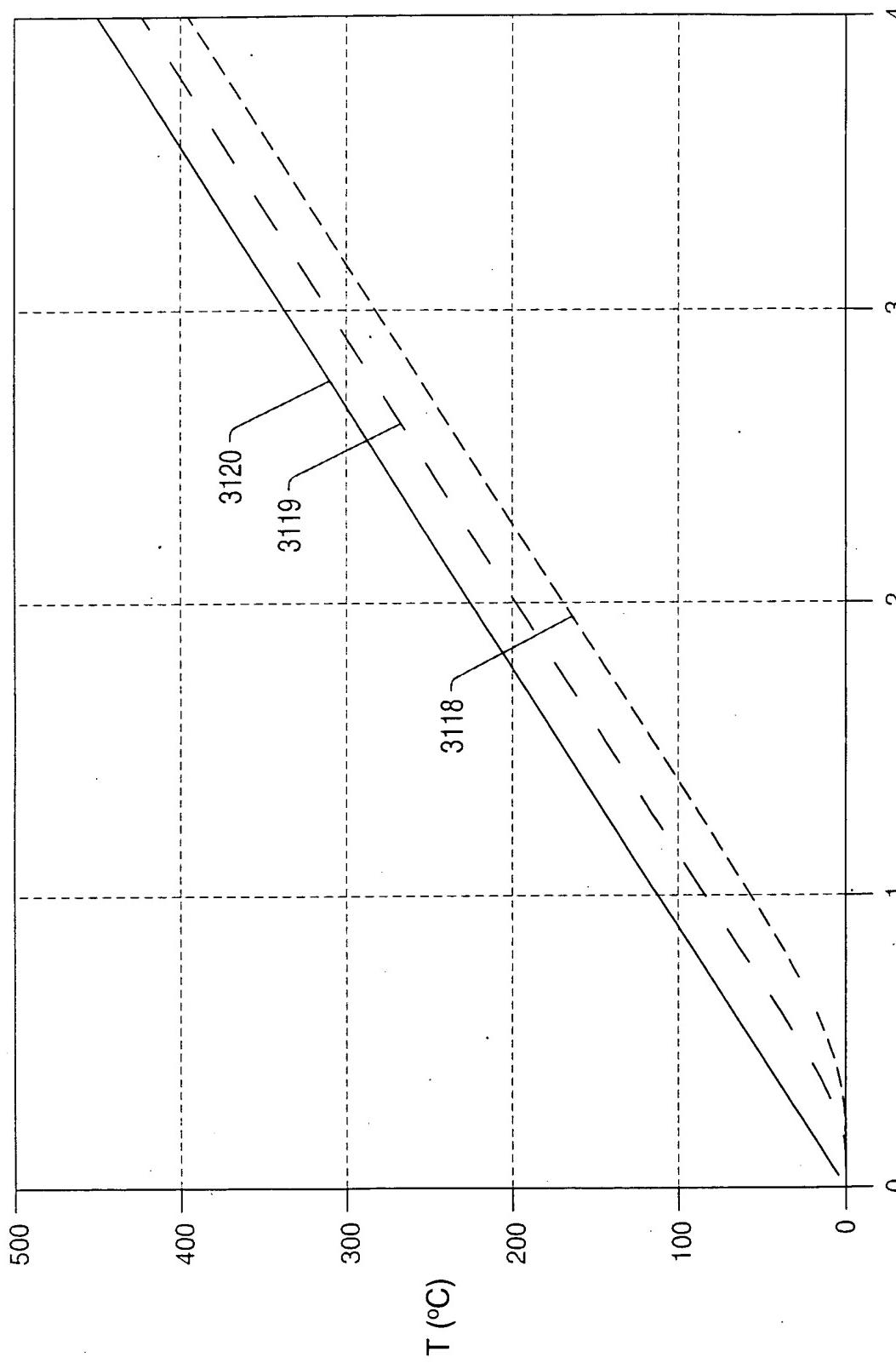


FIG. 81b

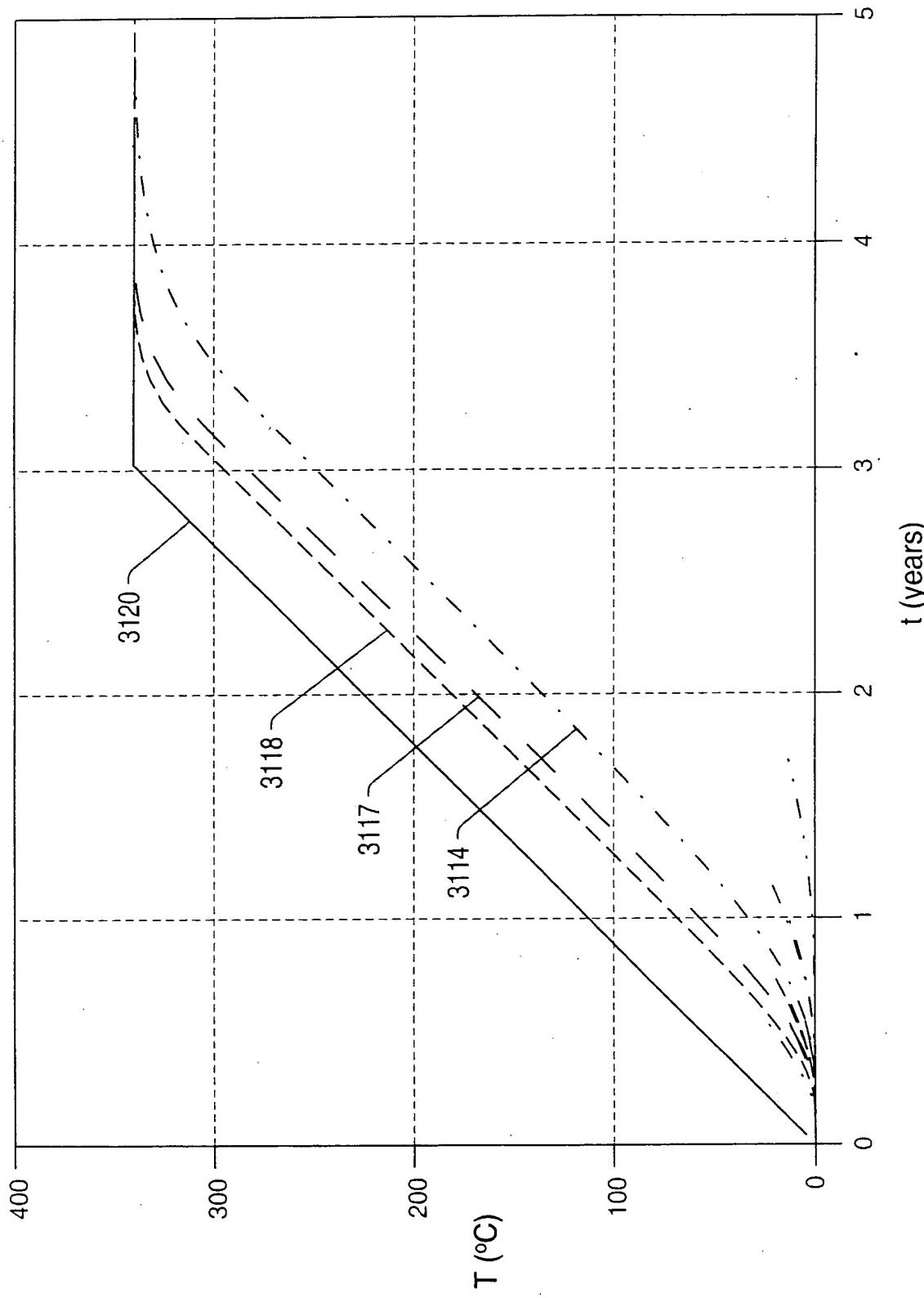


FIG. 82

L (m)

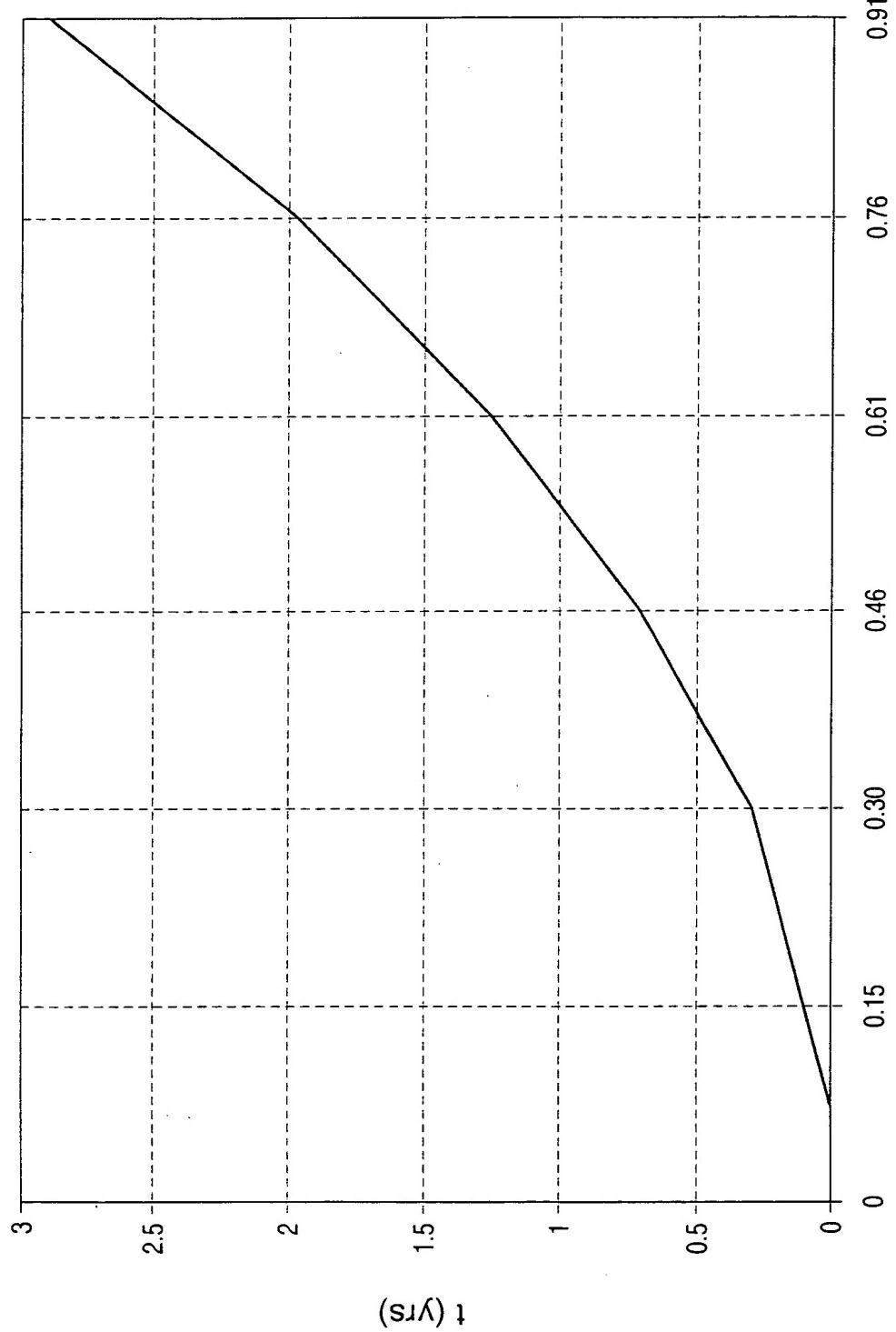


FIG. 83

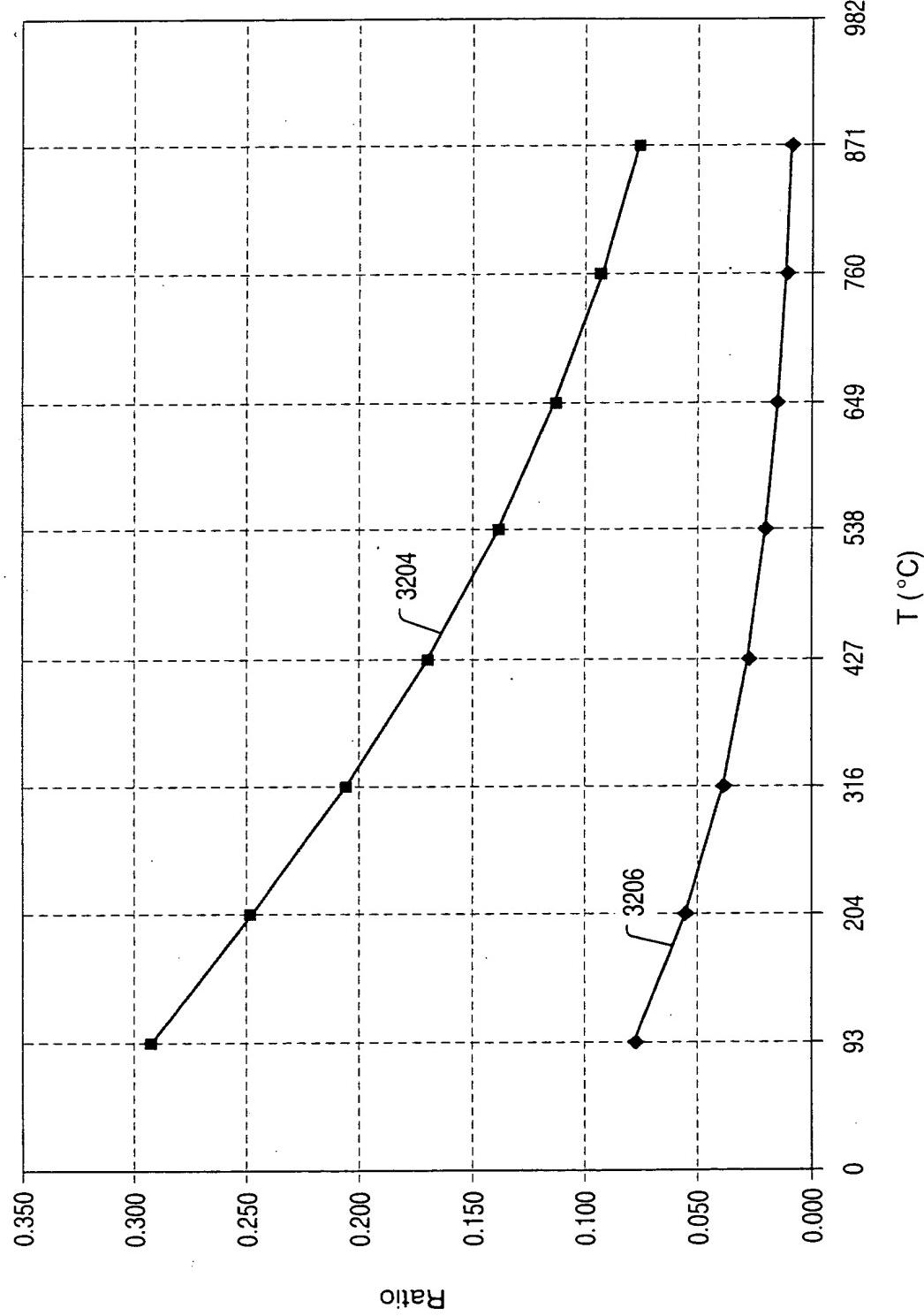
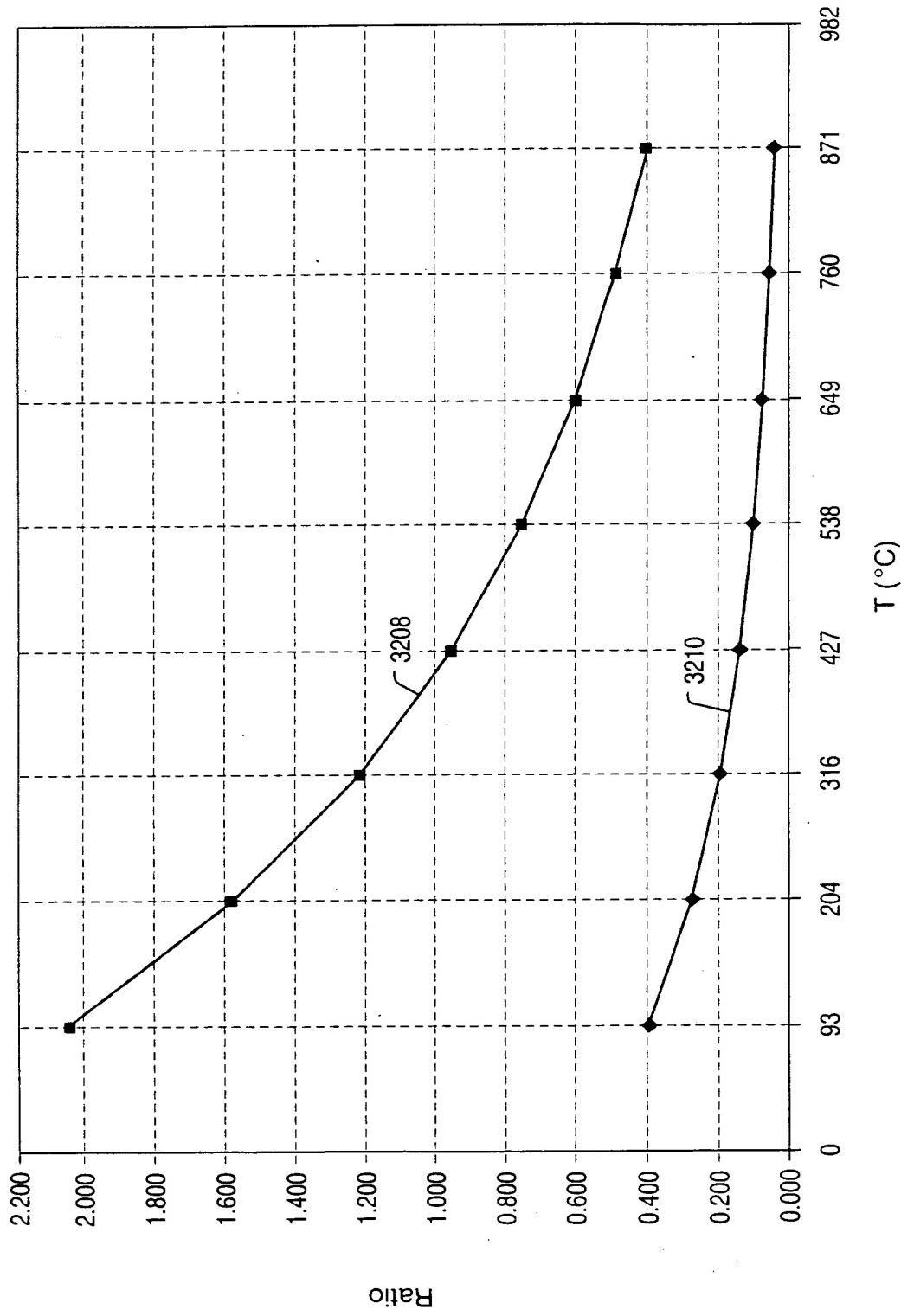


FIG. 84



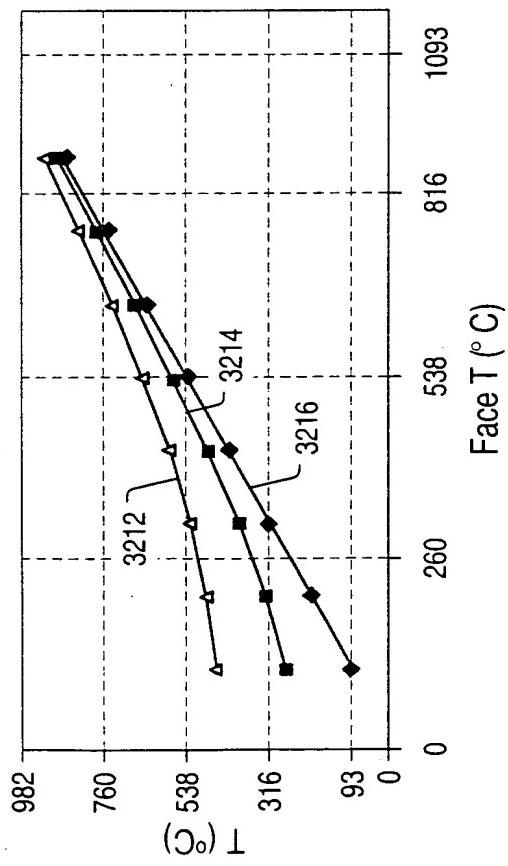


FIG. 85

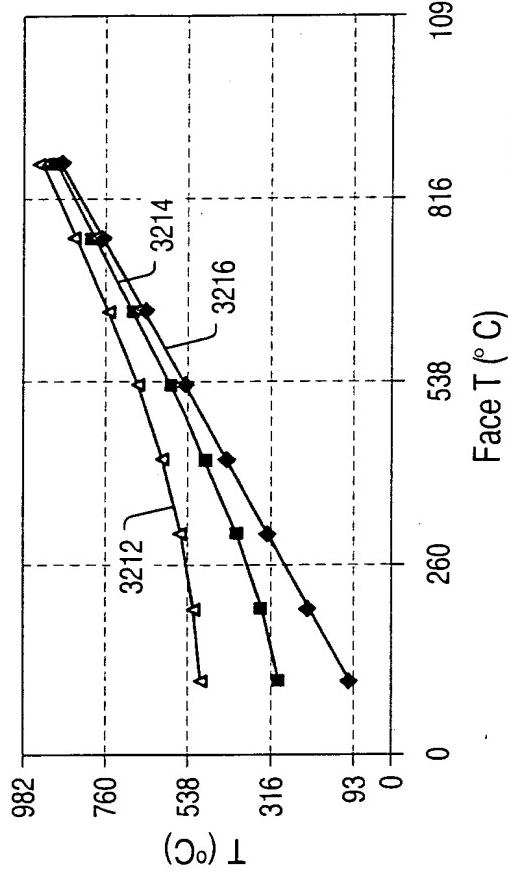


FIG. 86

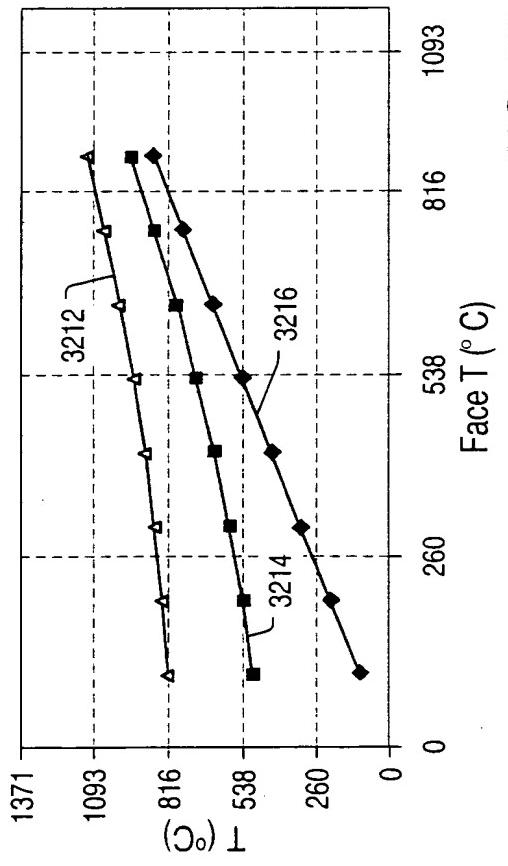


FIG. 87

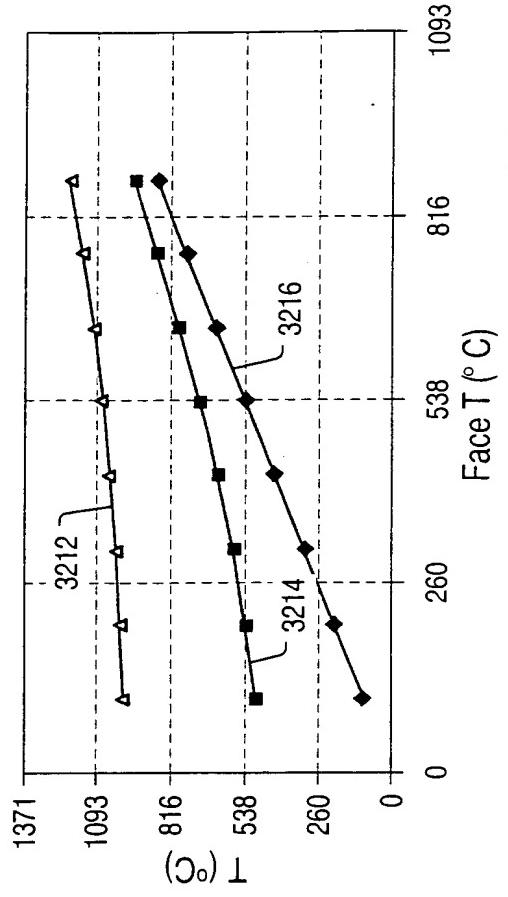
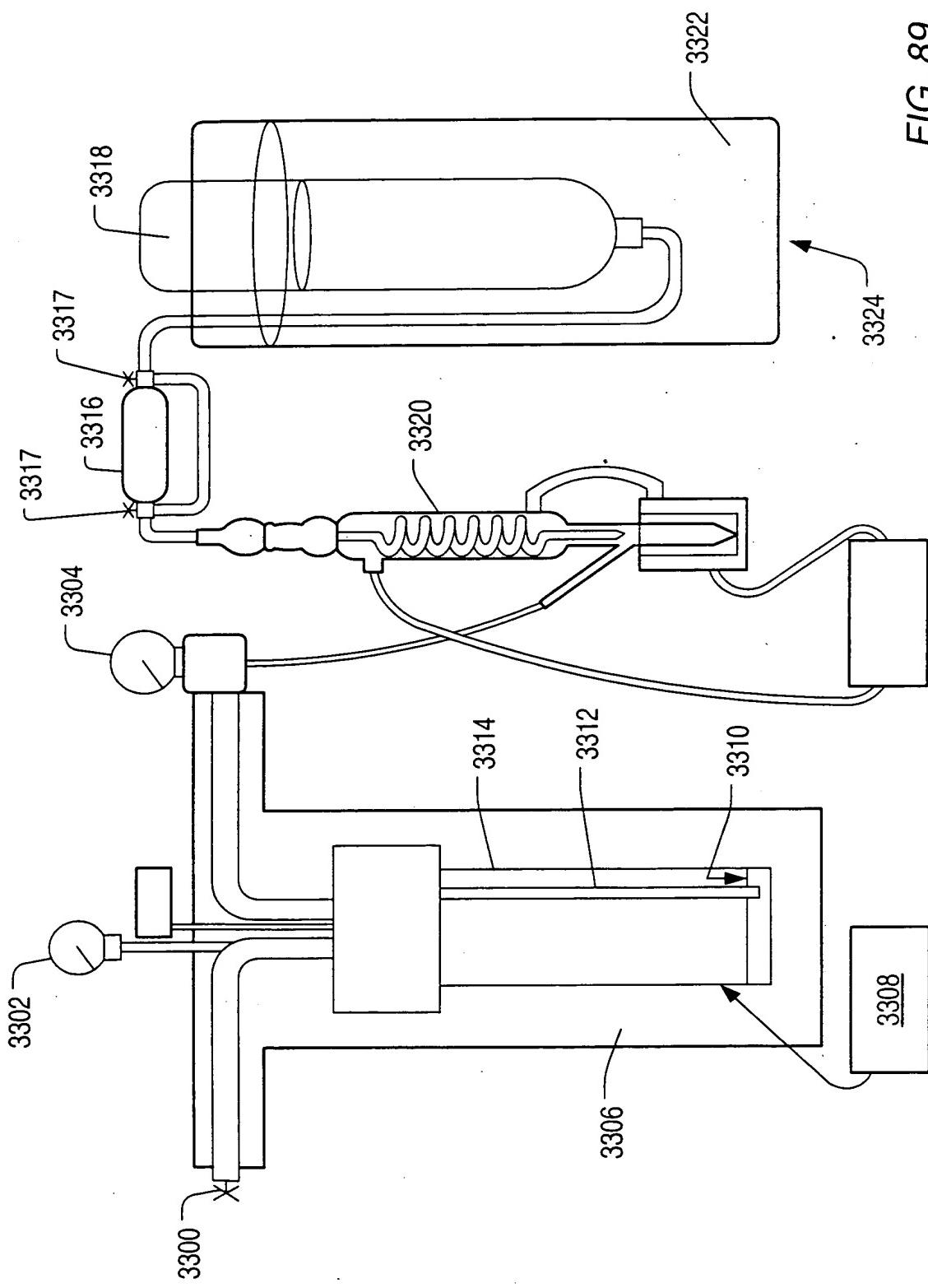


FIG. 88

FIG. 89



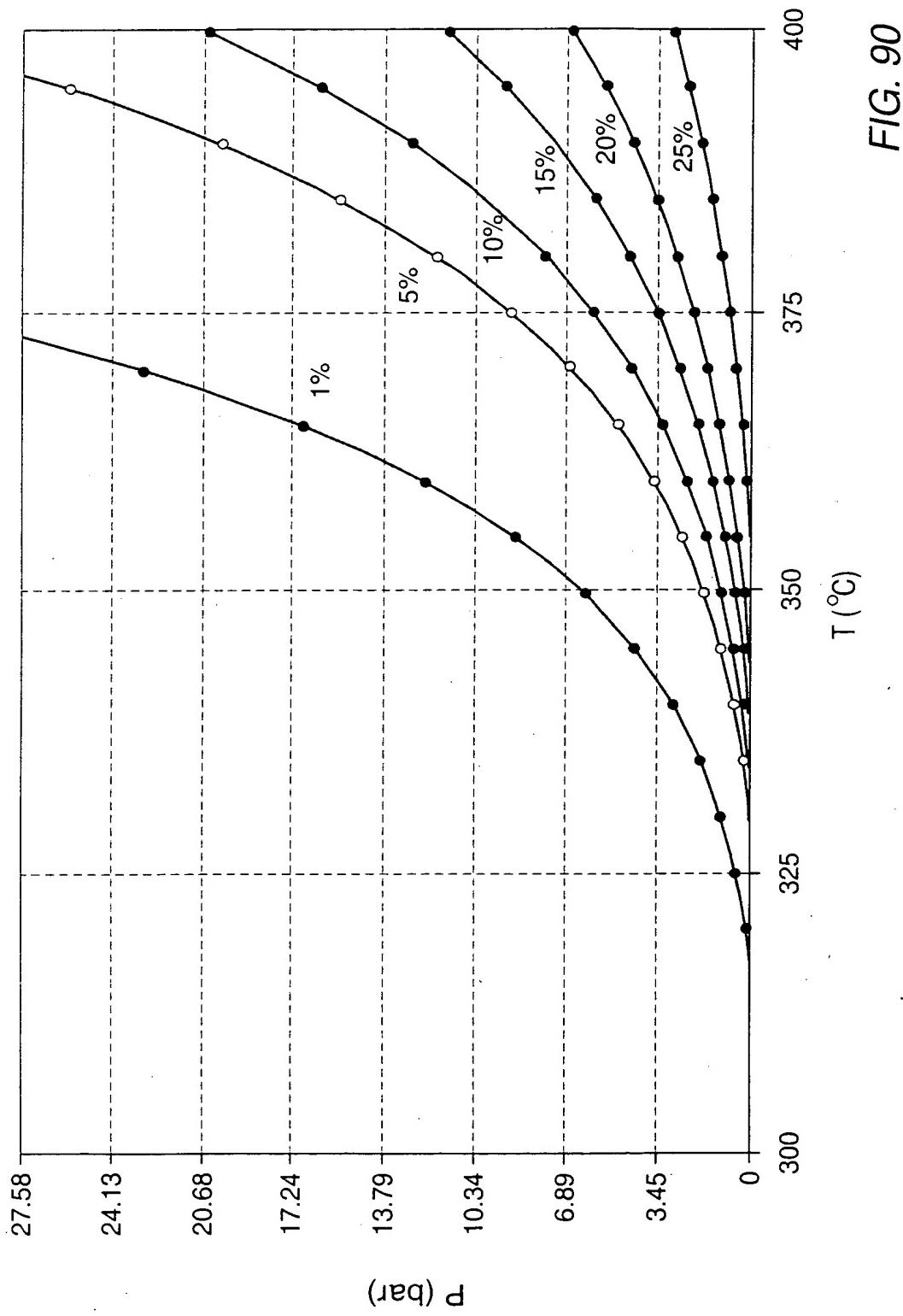


FIG. 90

FIG. 91

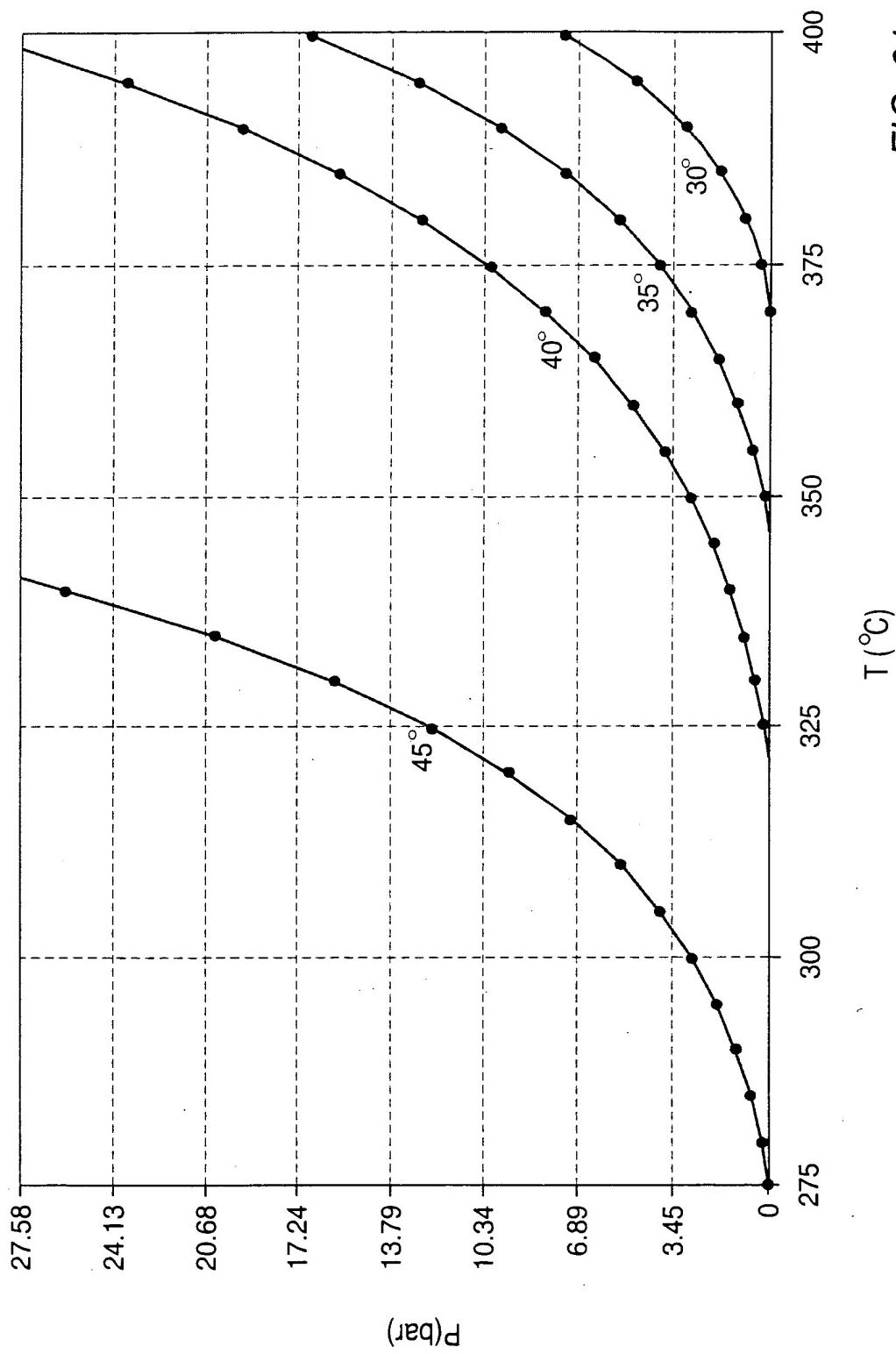


FIG. 92

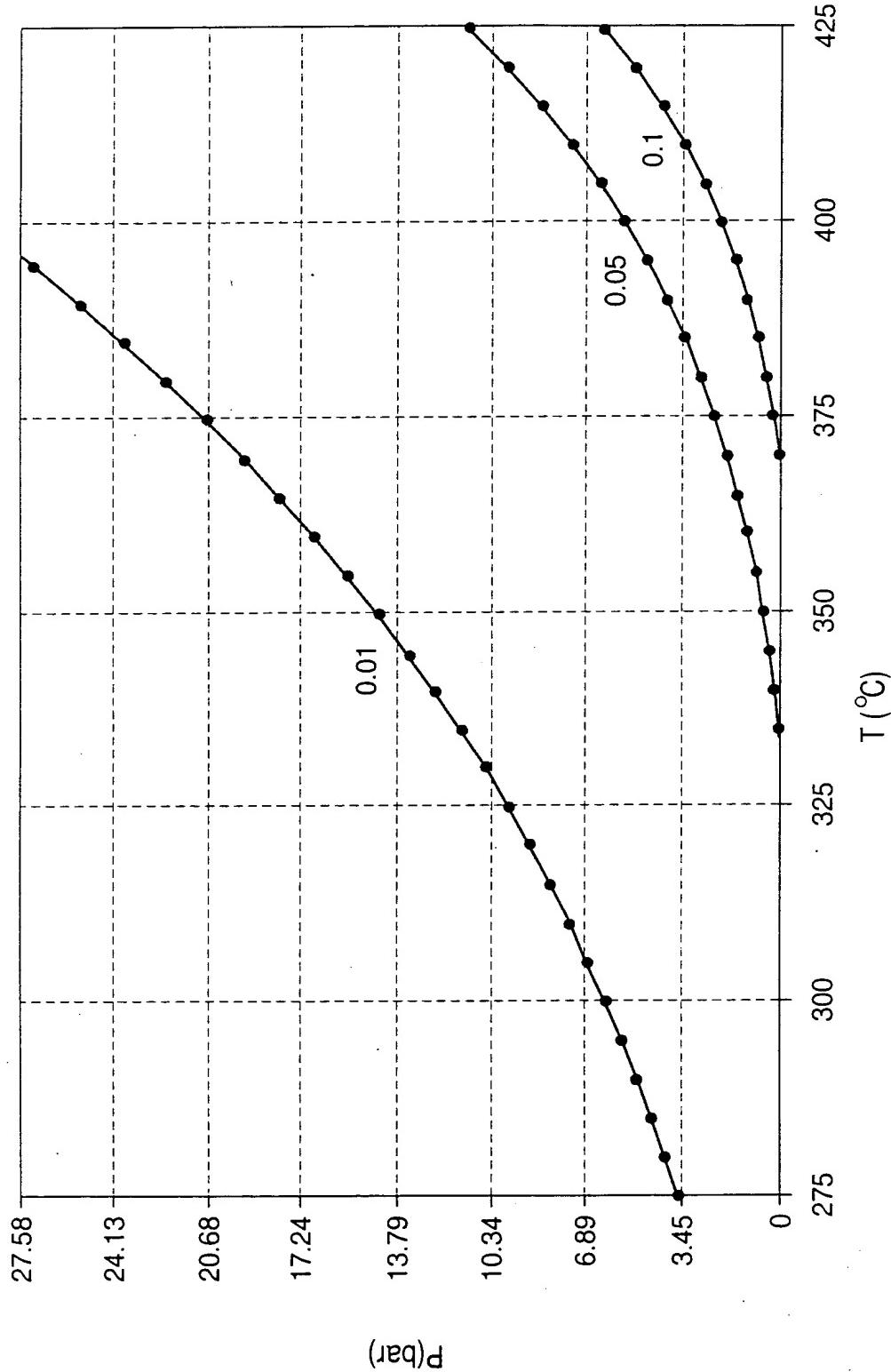


FIG. 93

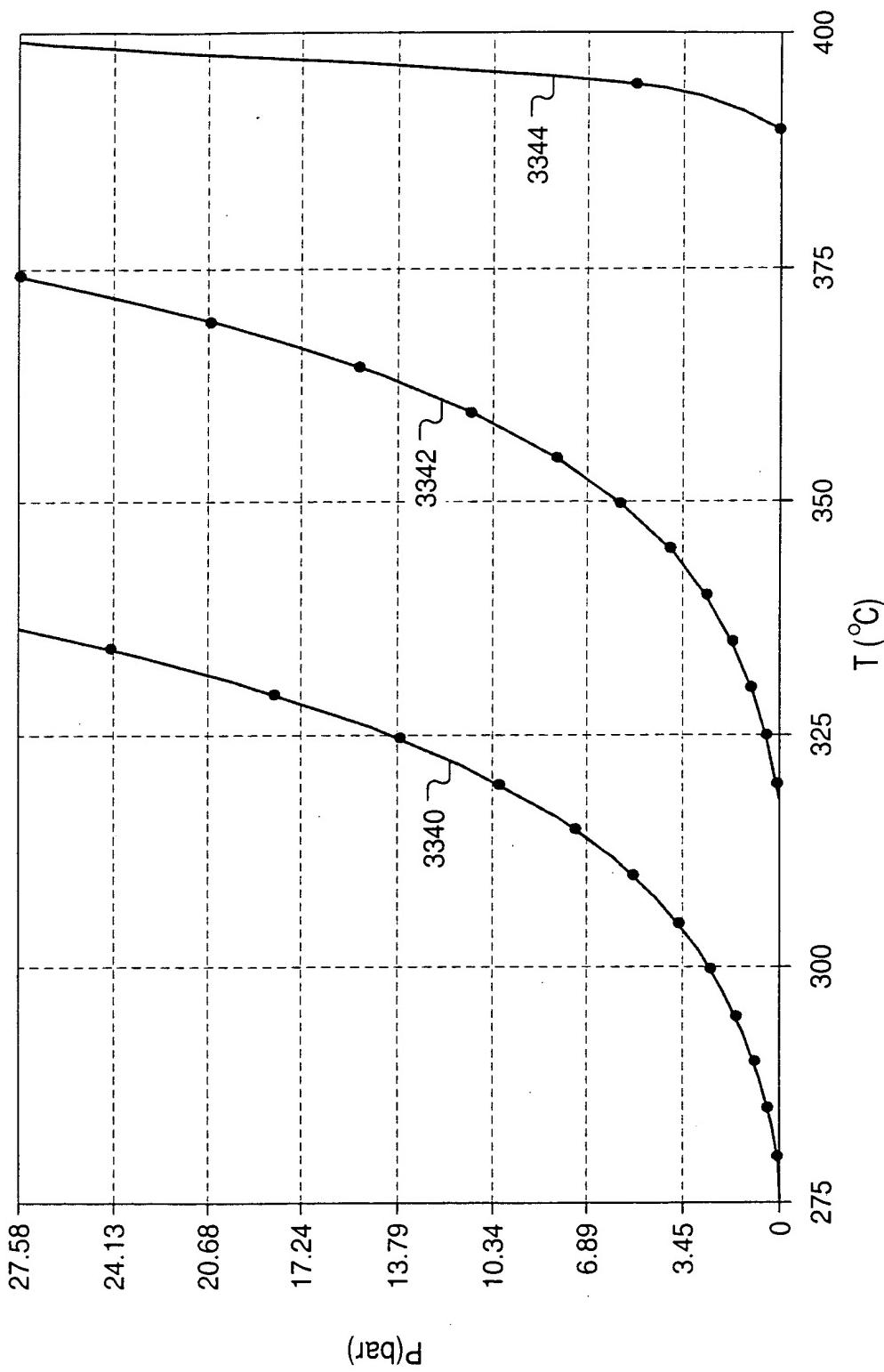


FIG. 94

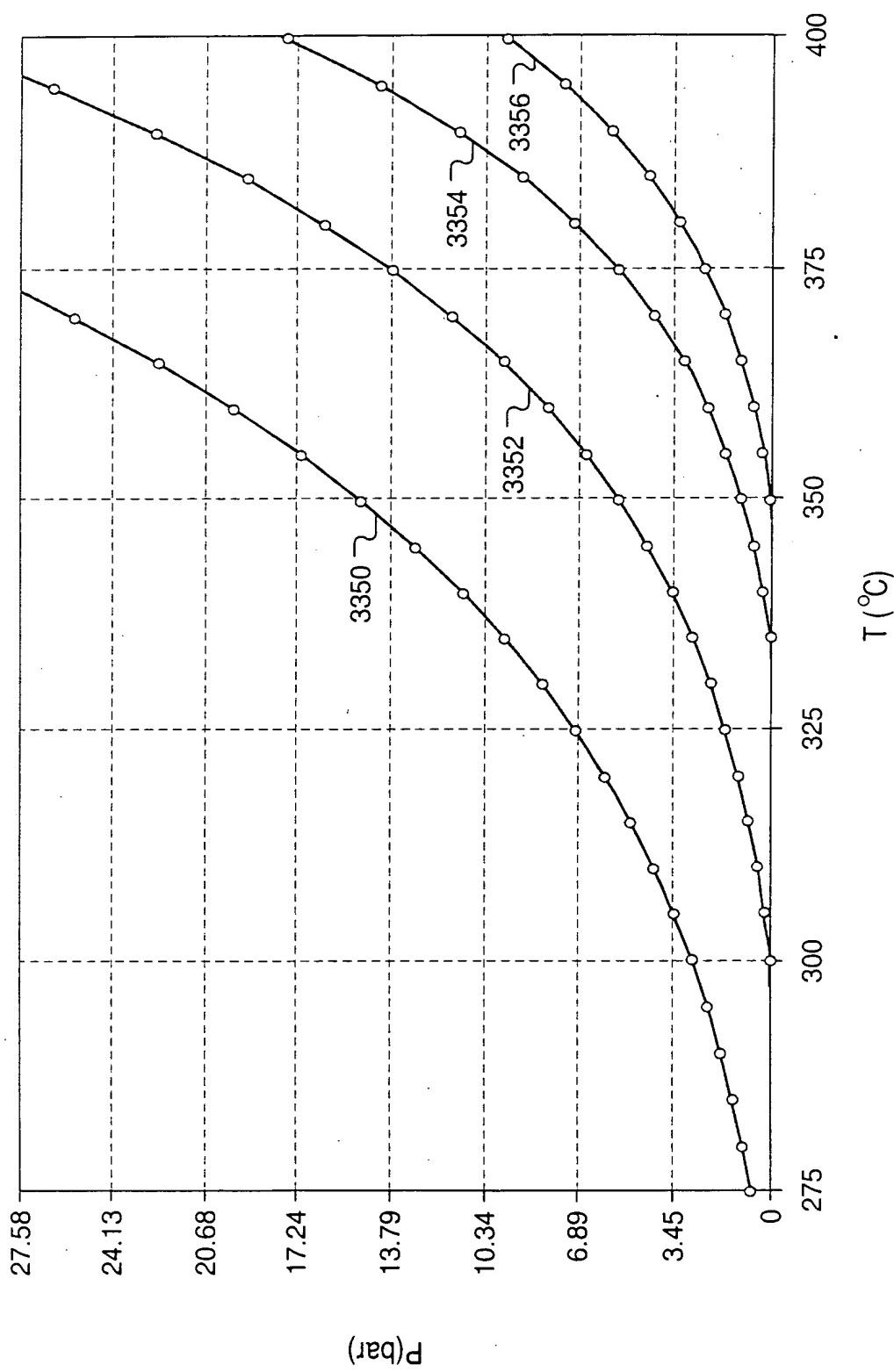


FIG. 95

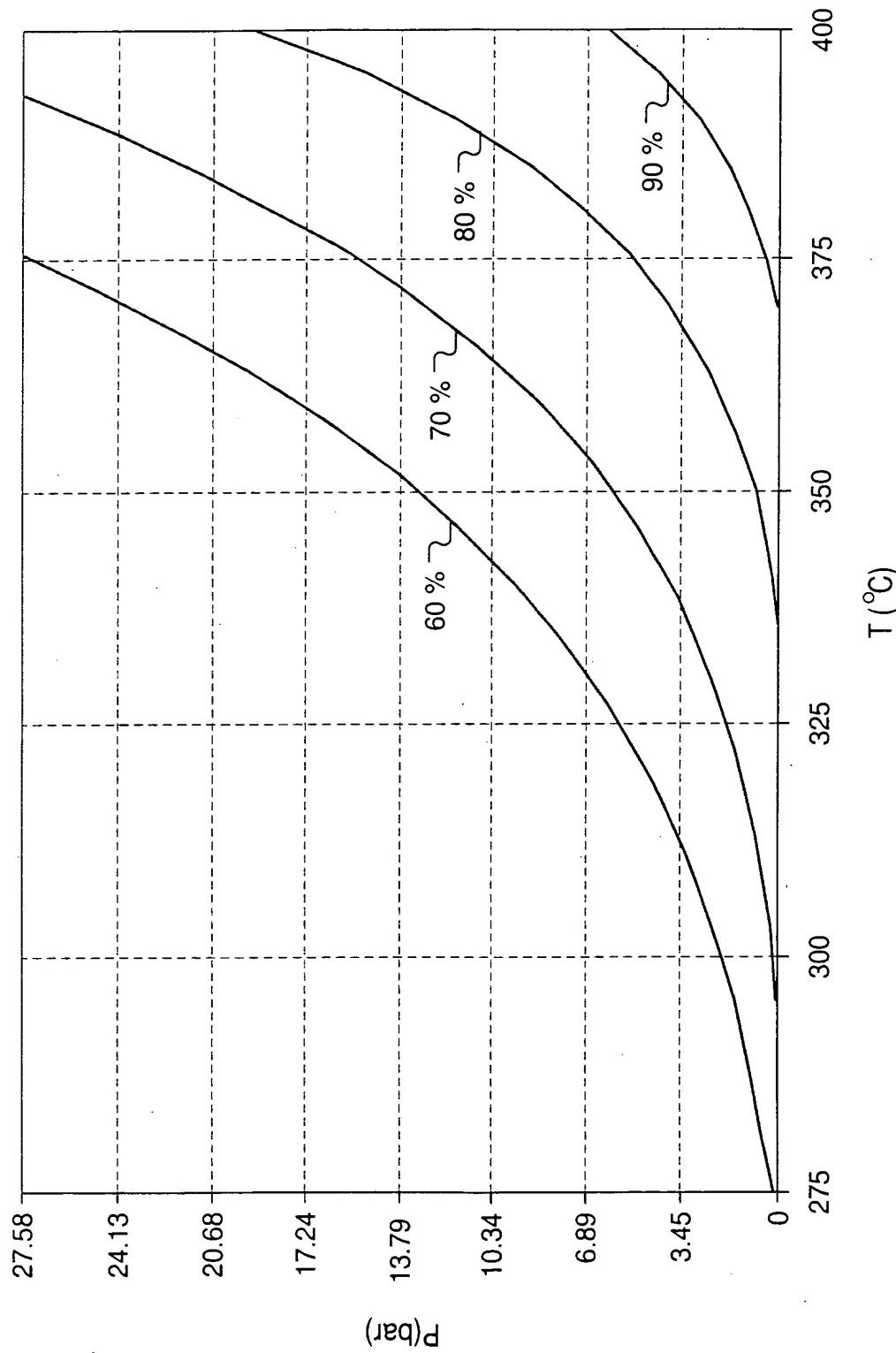
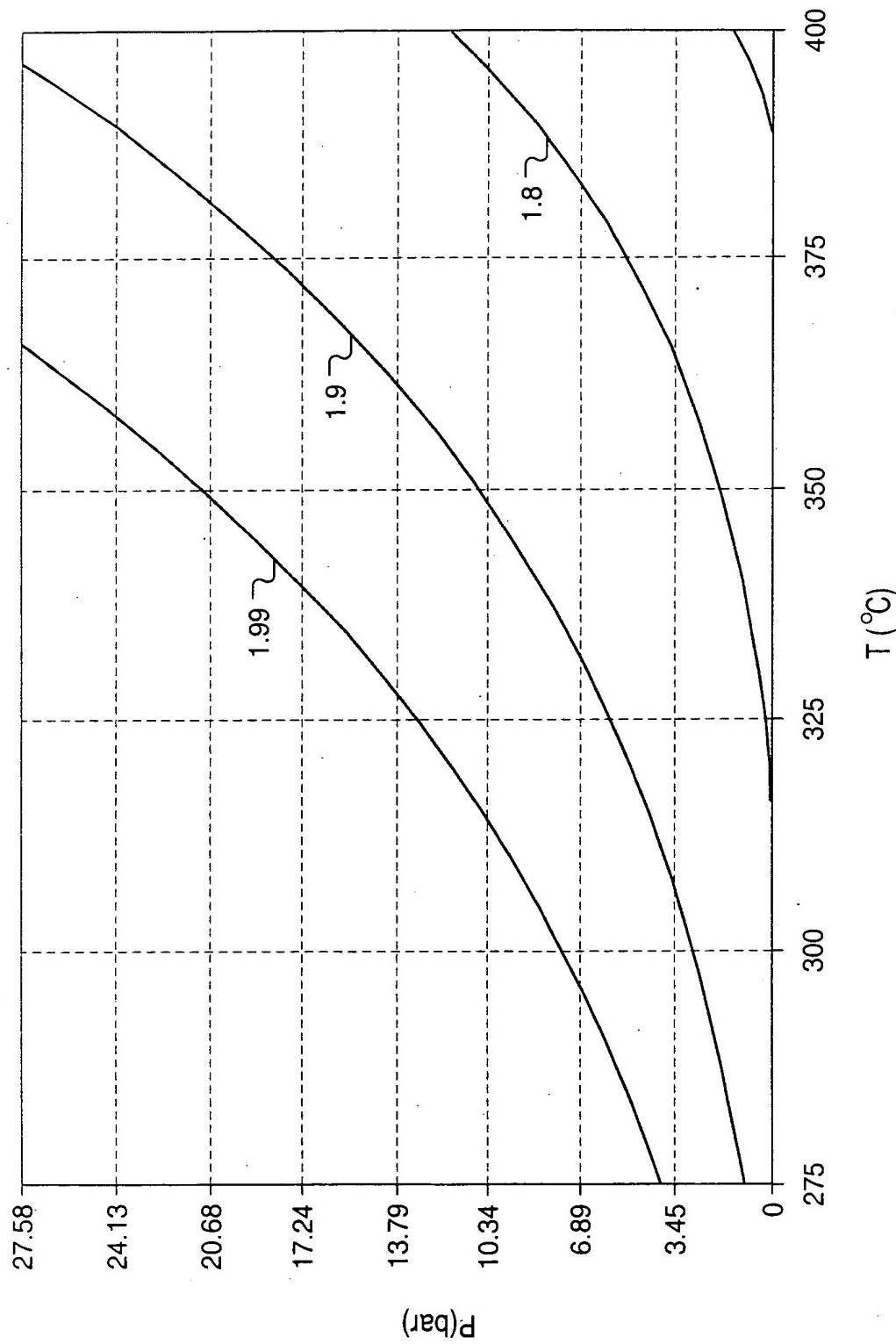


FIG. 96



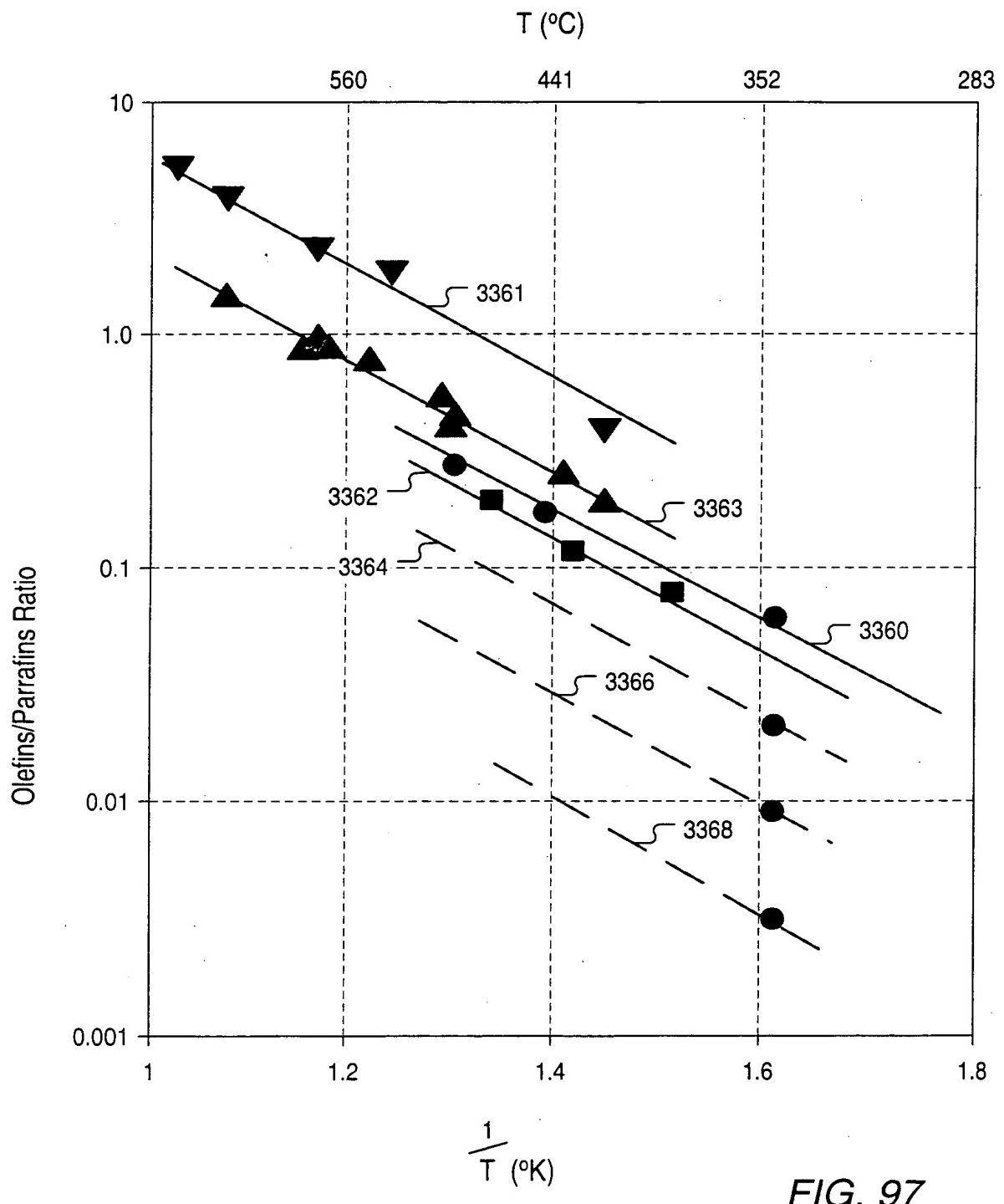
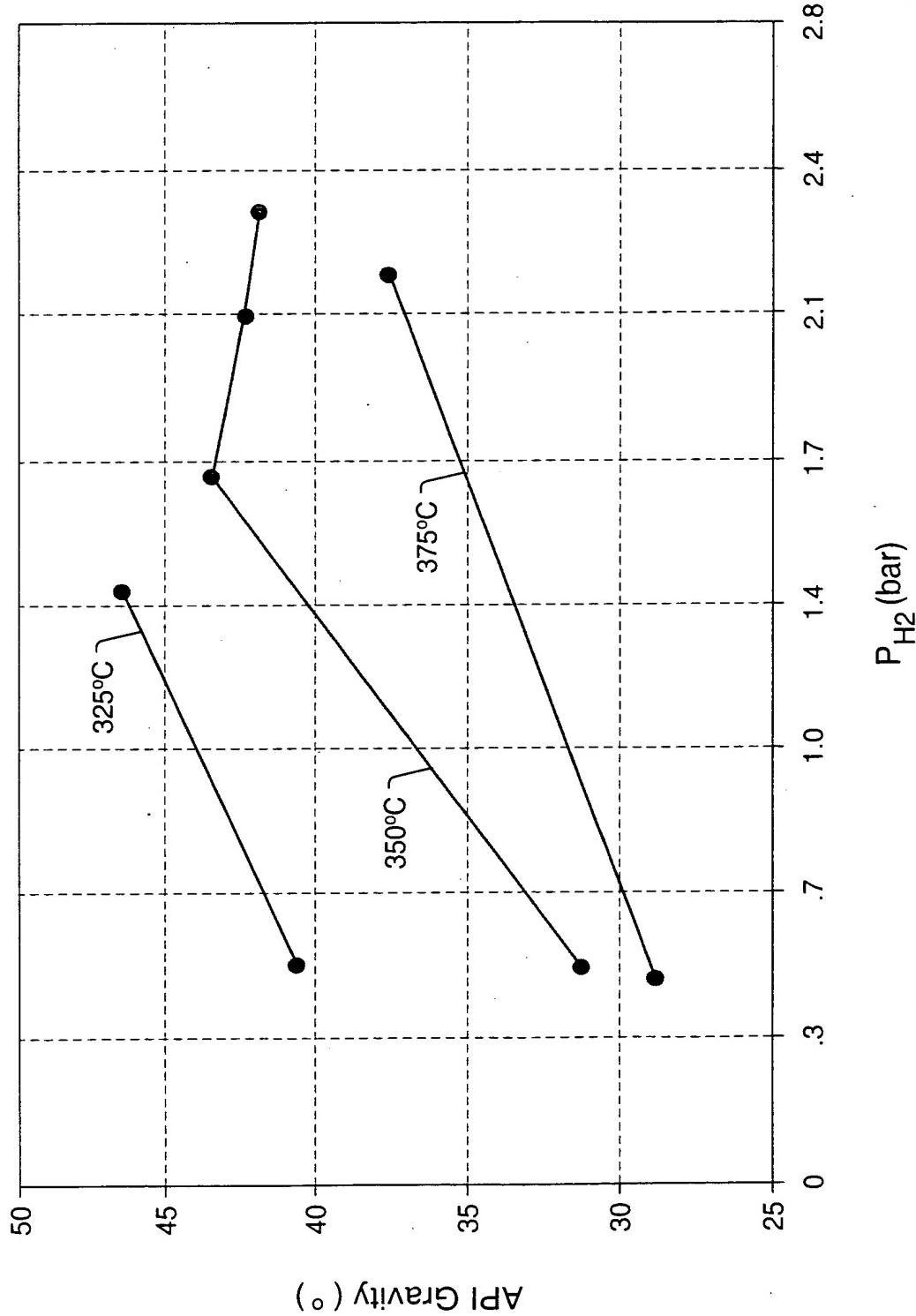


FIG. 97

FIG. 98



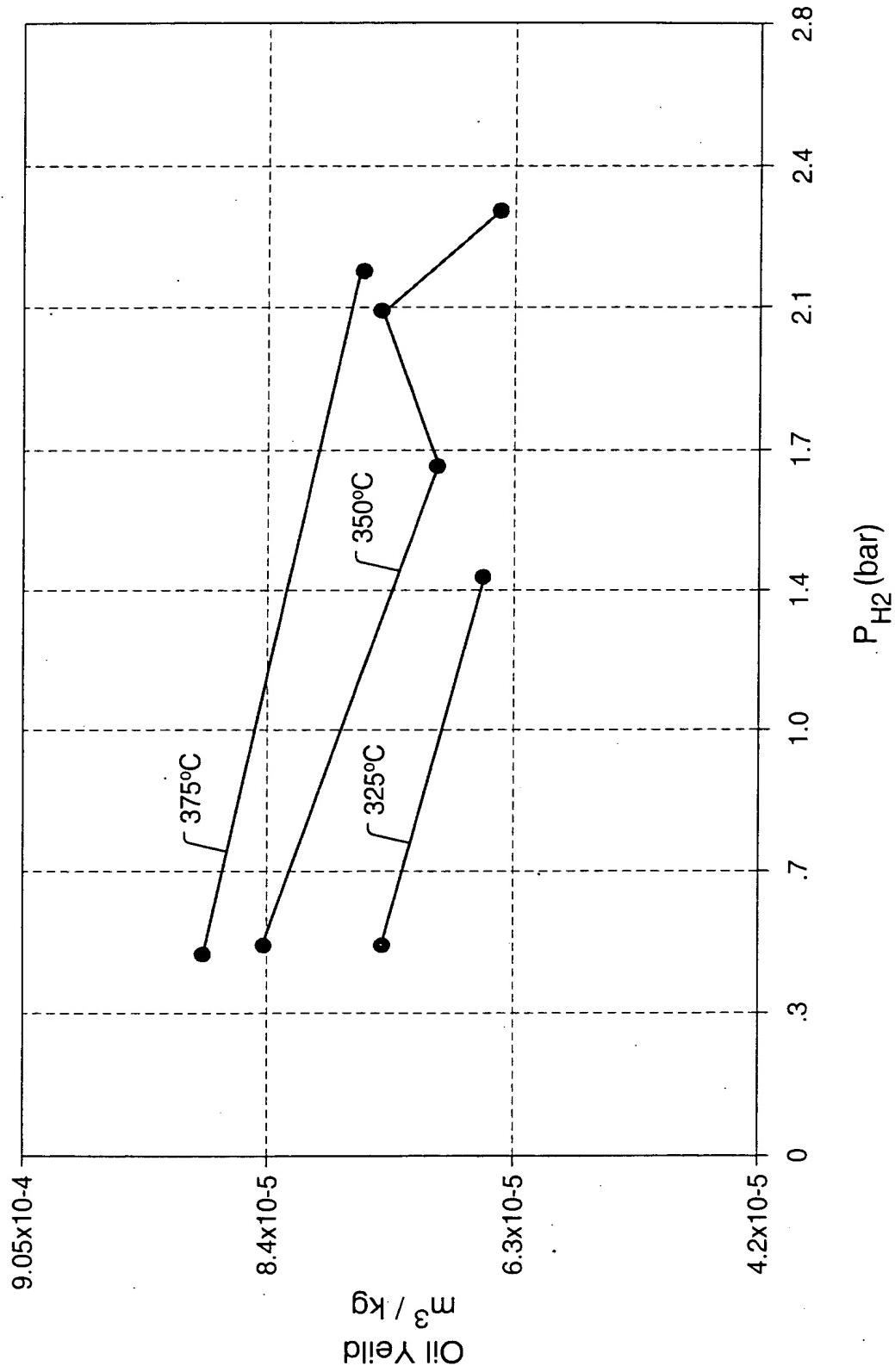


FIG. 99

FIG. 100

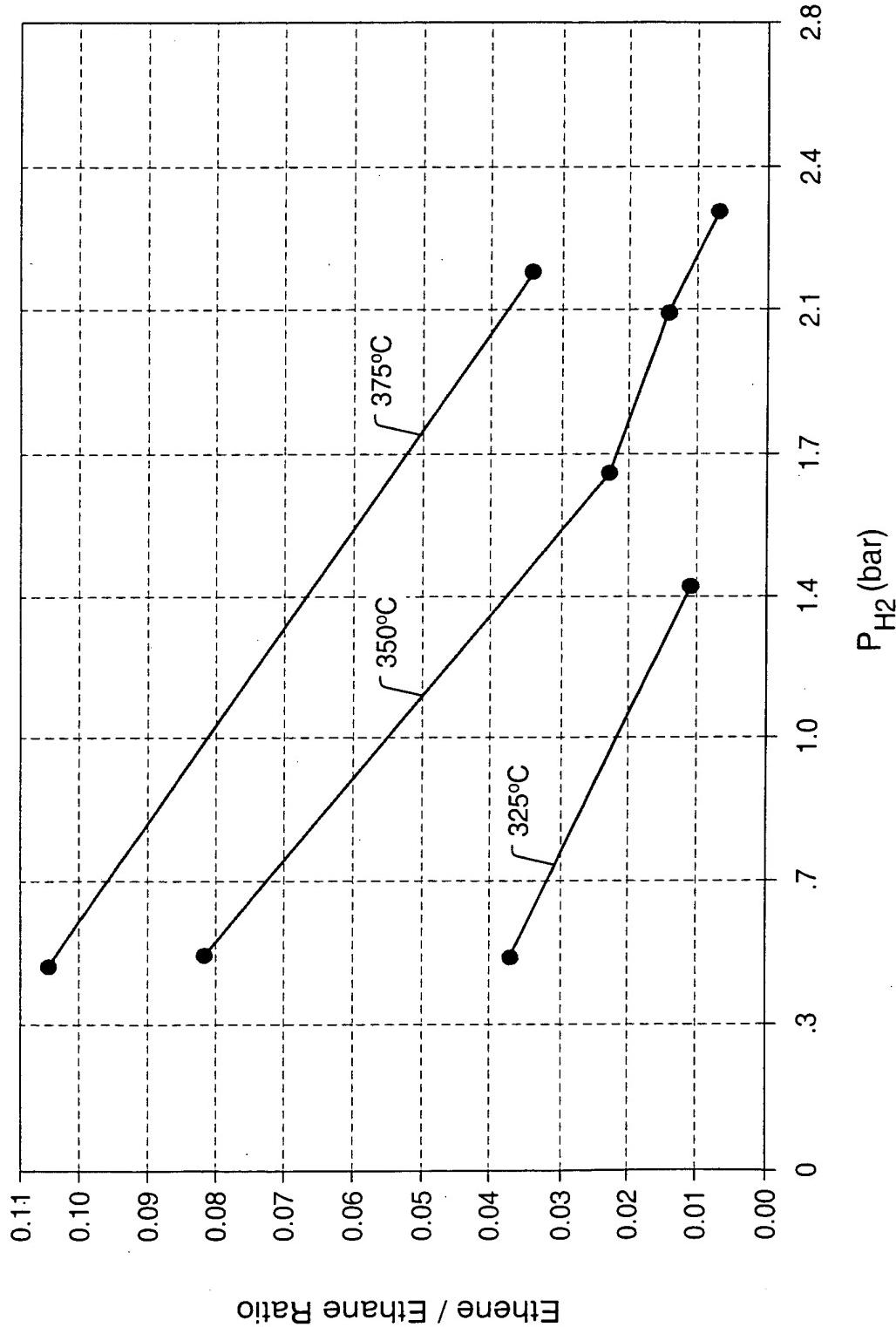


FIG. 101

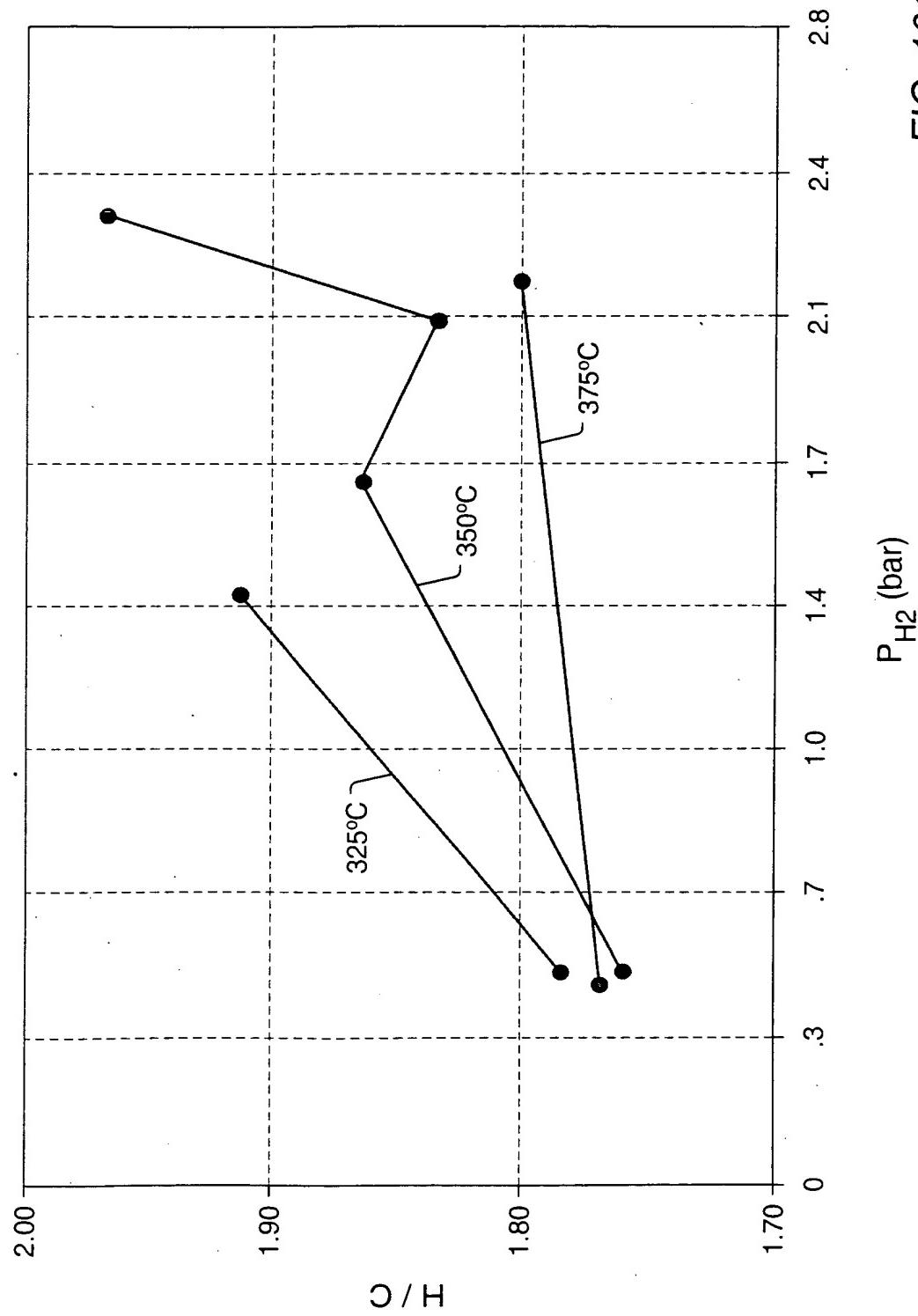


FIG. 102

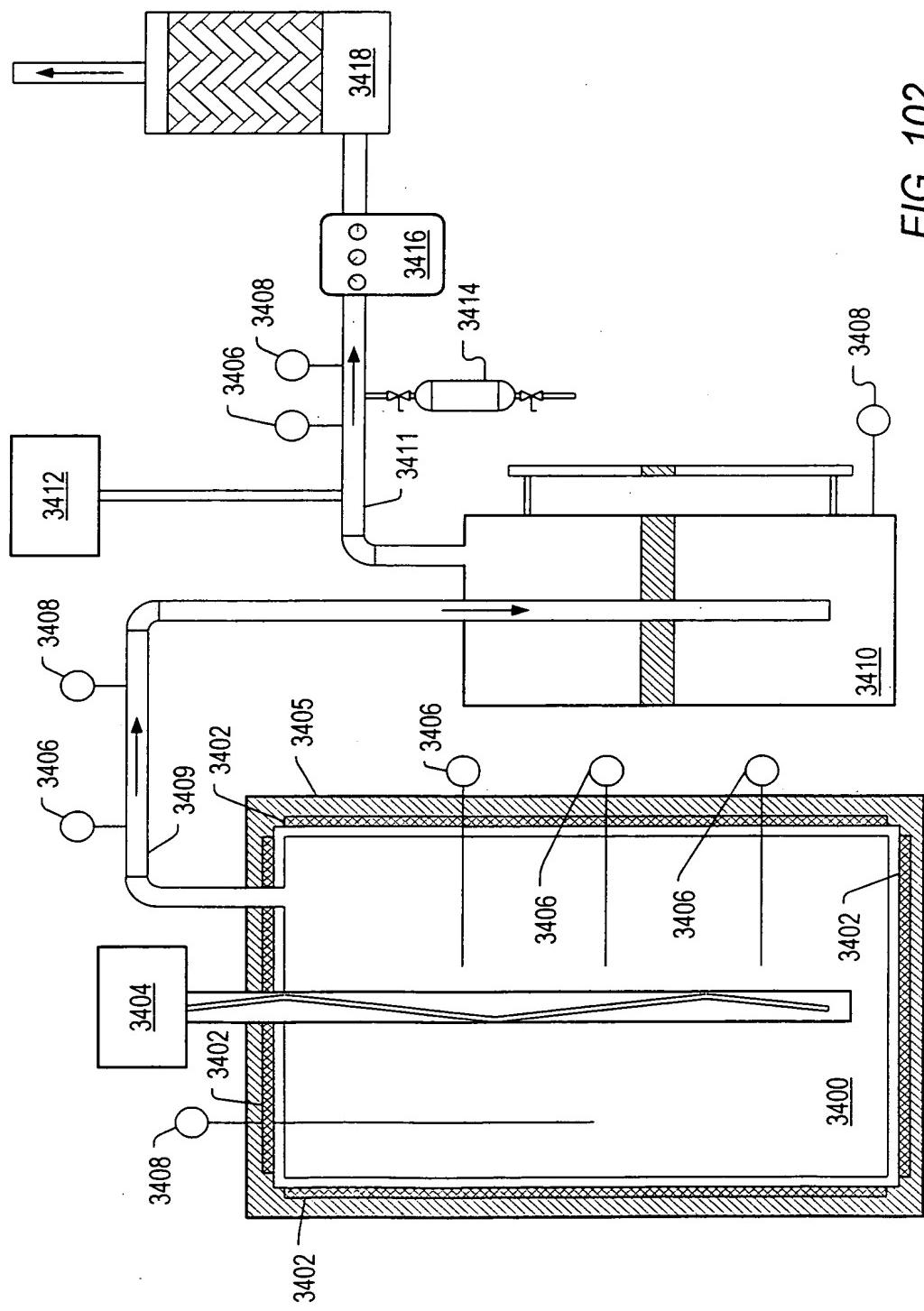
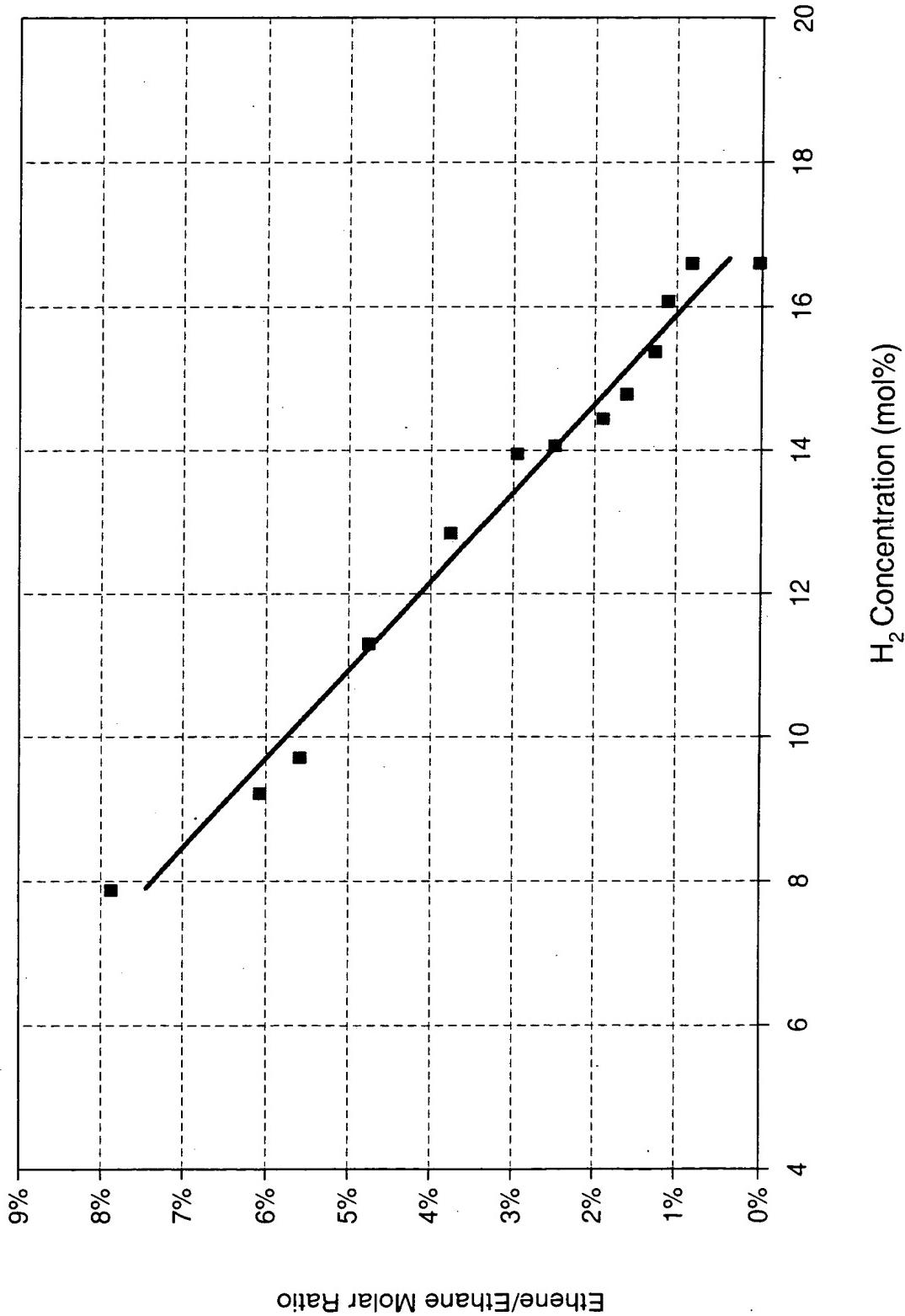
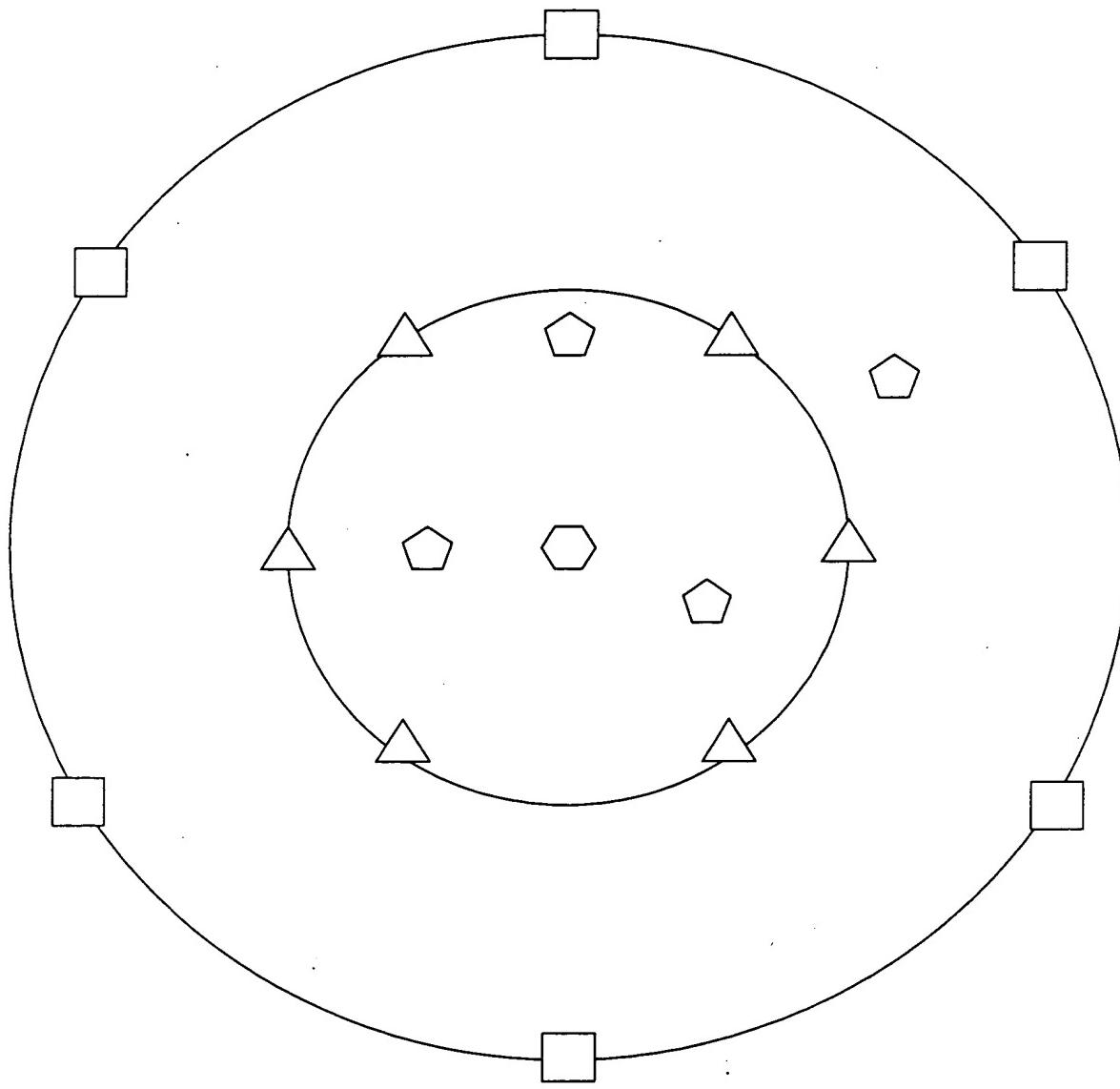


FIG. 103





△ - 3600

○ - 3603

□ - 3604

○ - 3602

FIG. 104

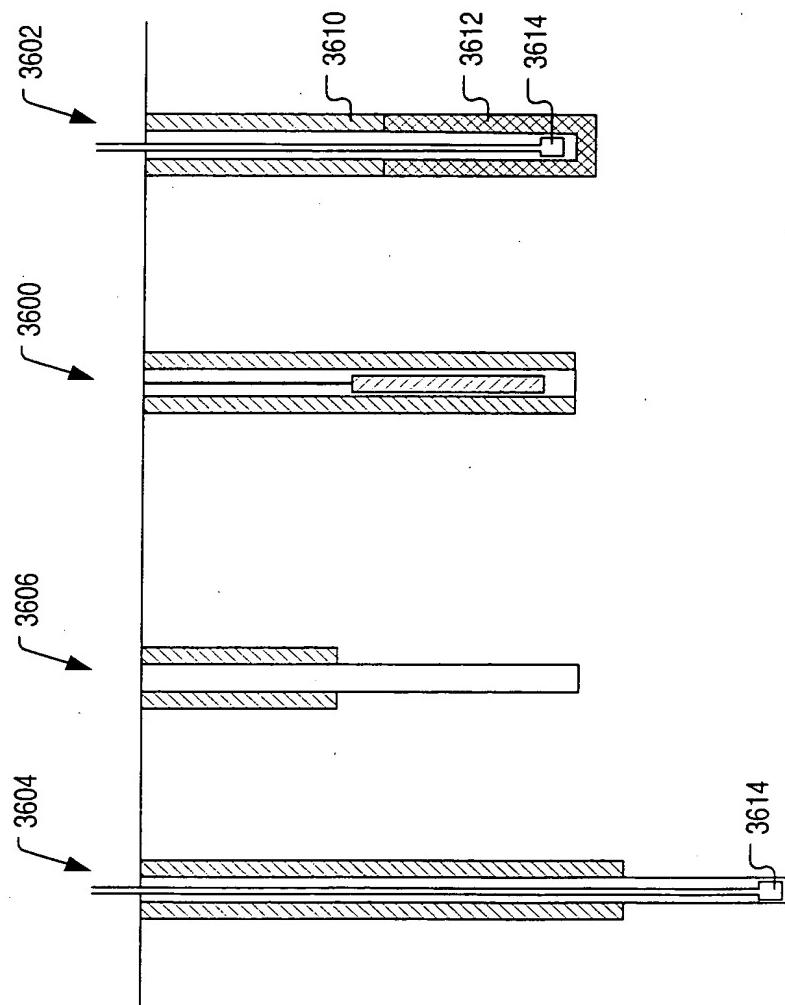


FIG. 105

FIG. 106

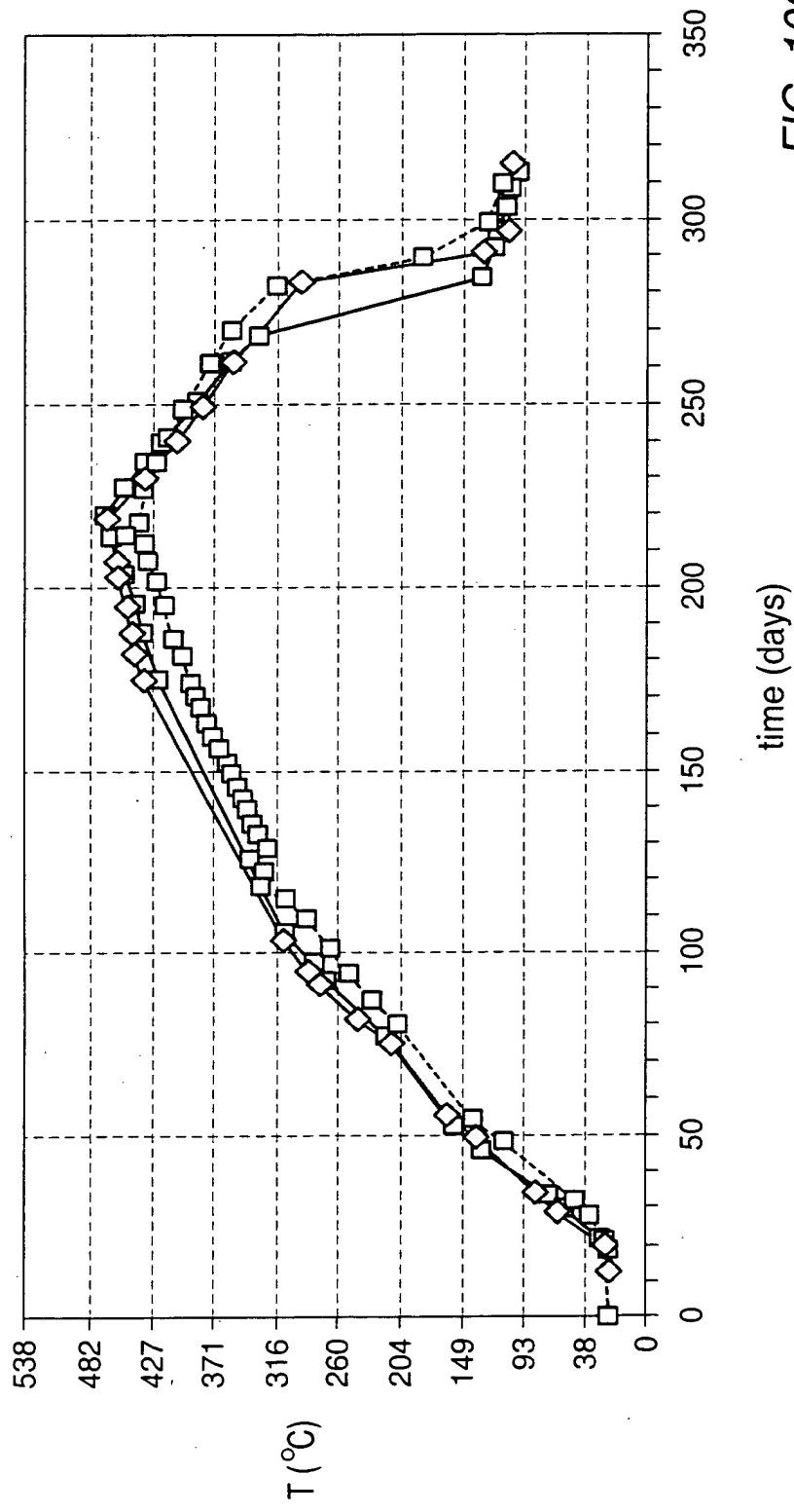
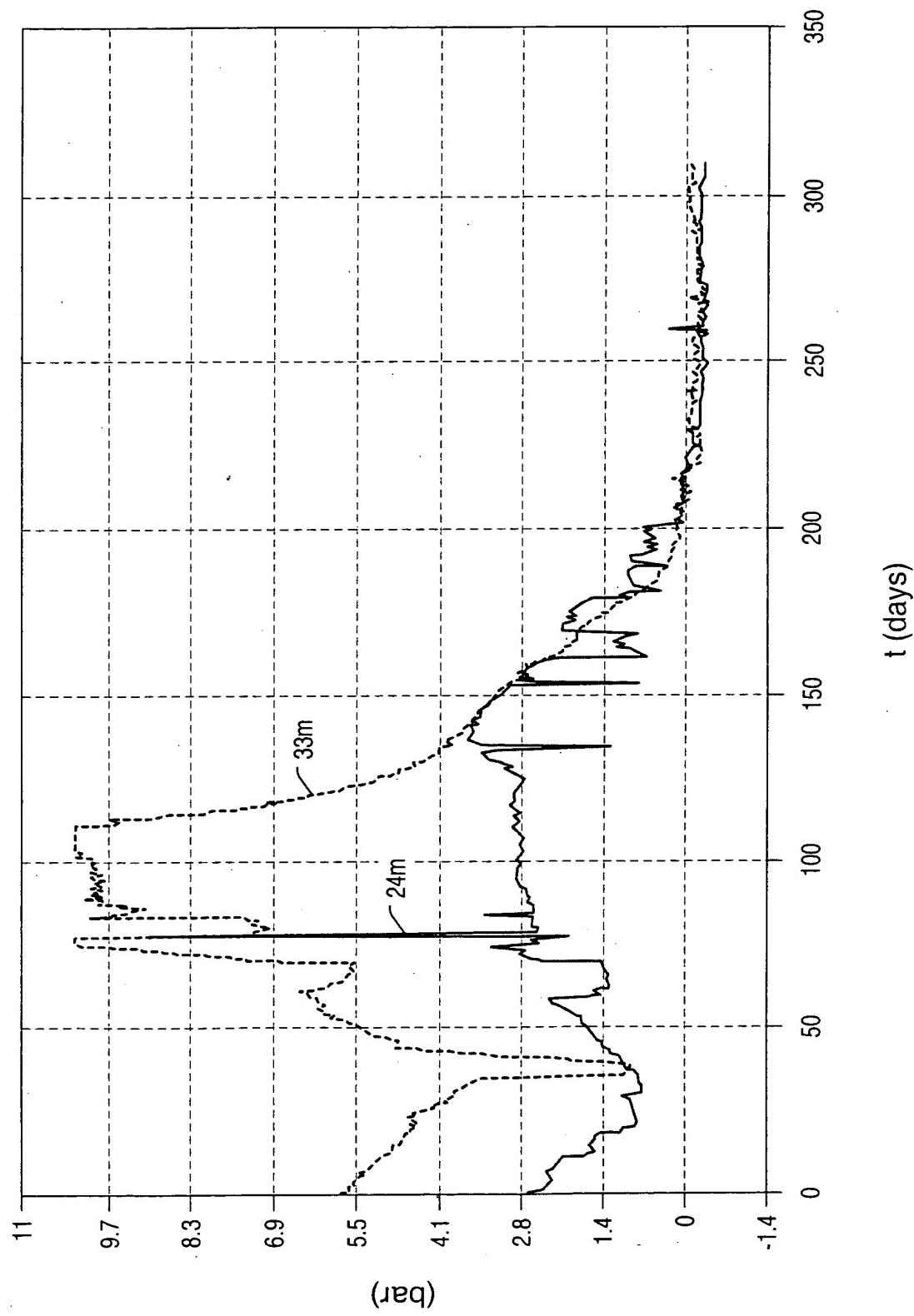


FIG. 107



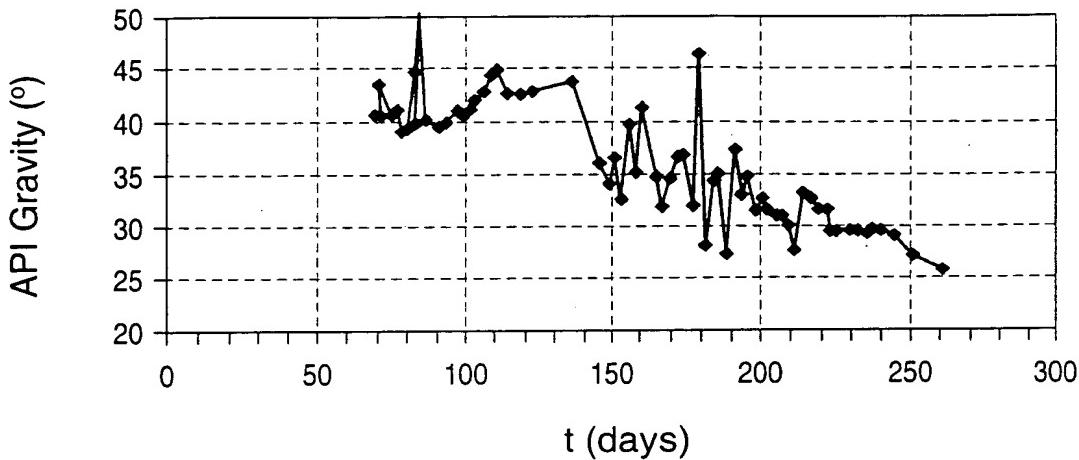


FIG. 108

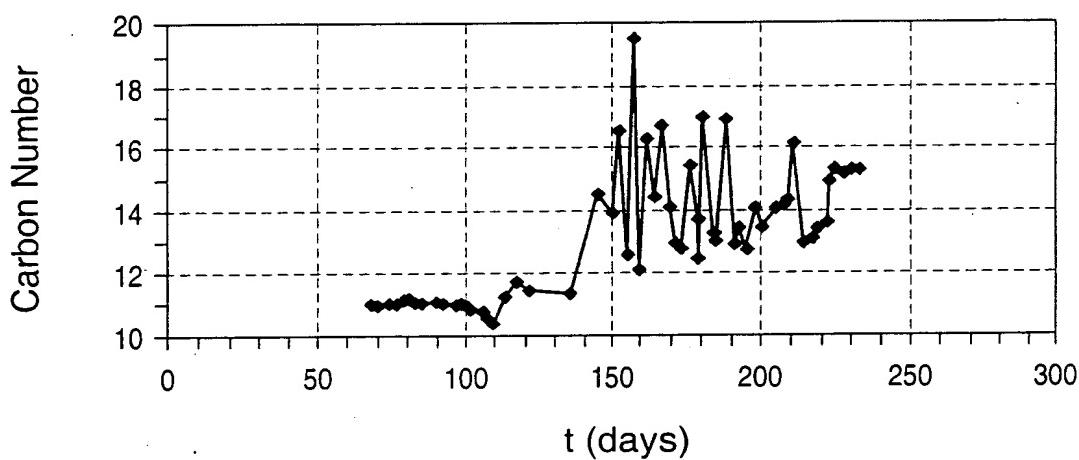


FIG. 109

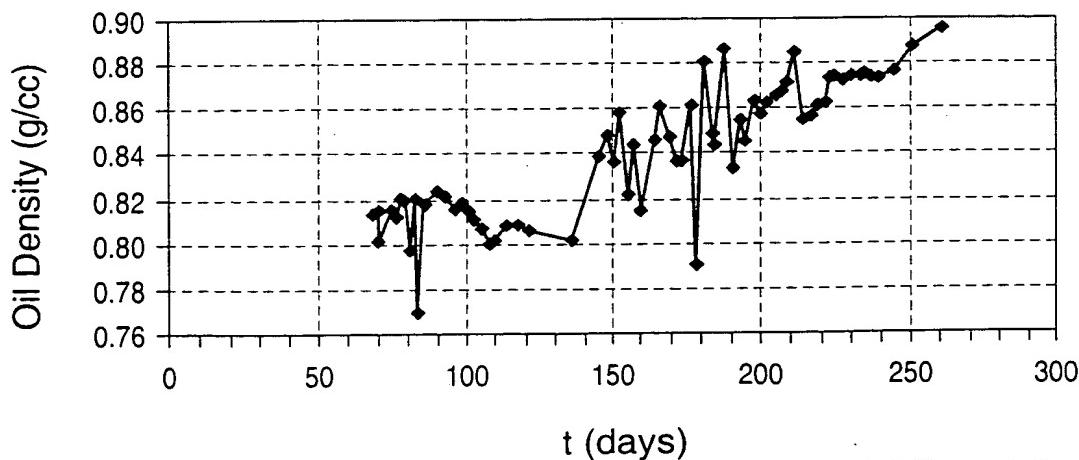


FIG. 110

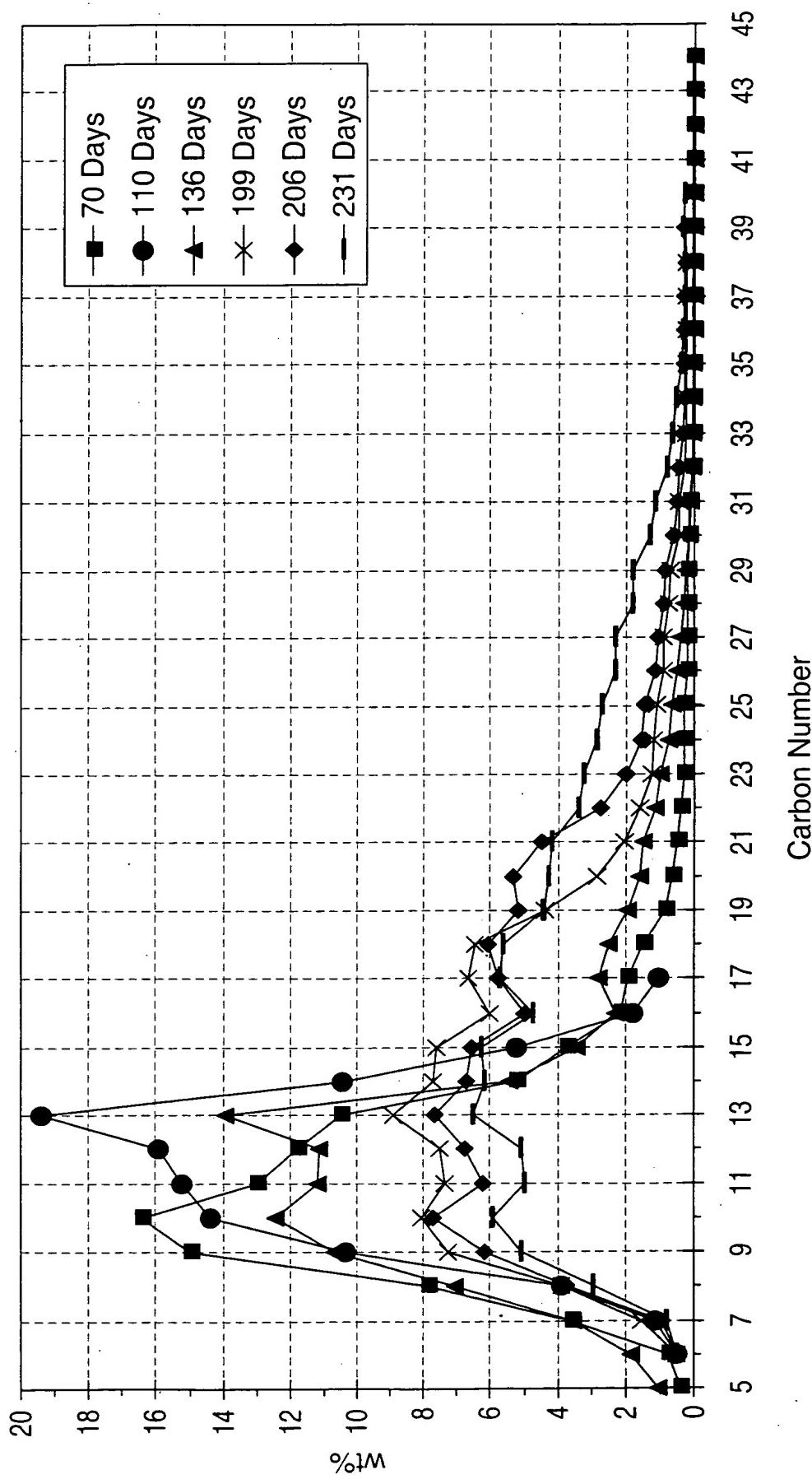


FIG. 111

FIG. 112

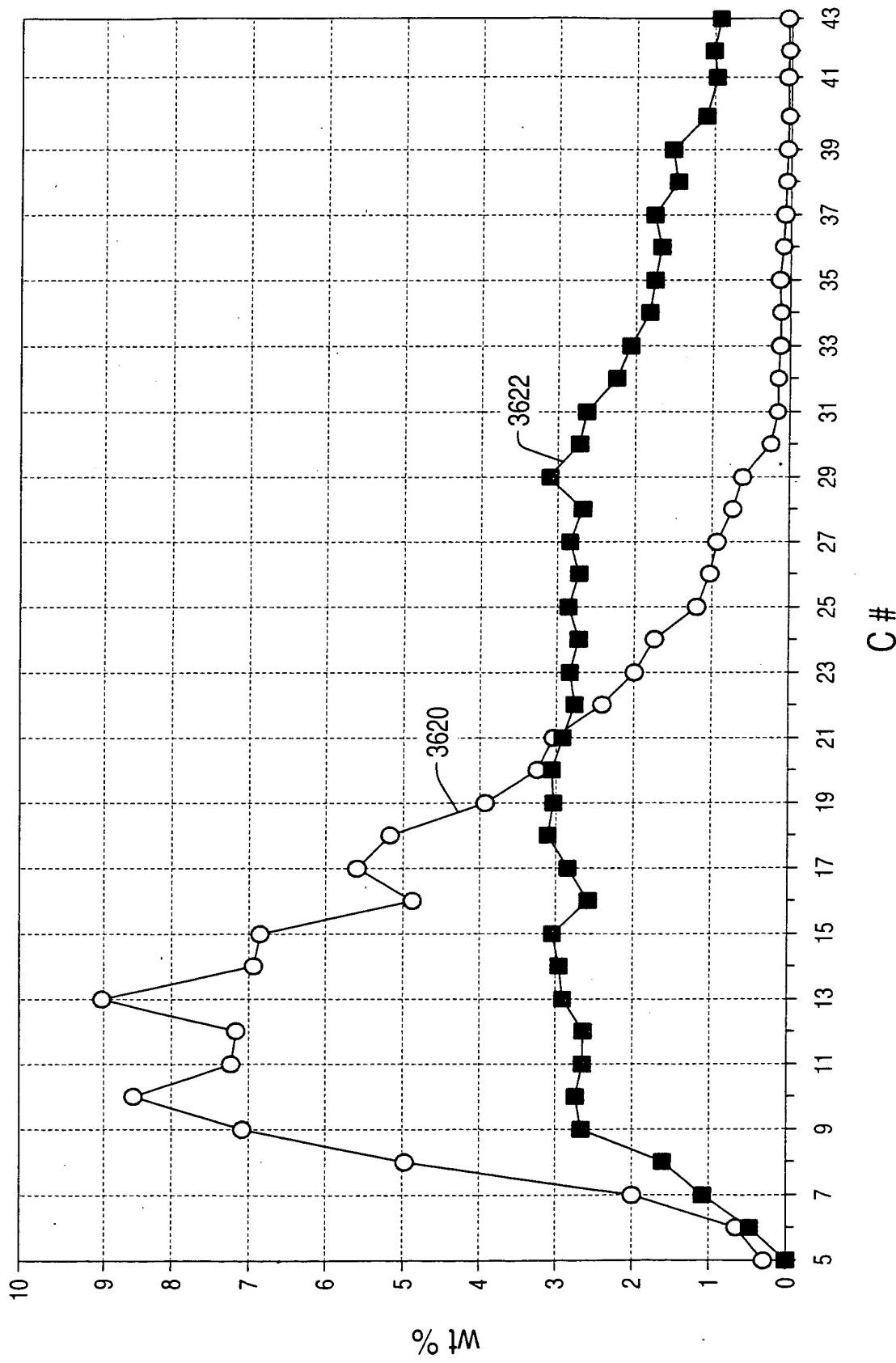


FIG. 113

Heating Rate ( $^{\circ}\text{C}/\text{day}$ )

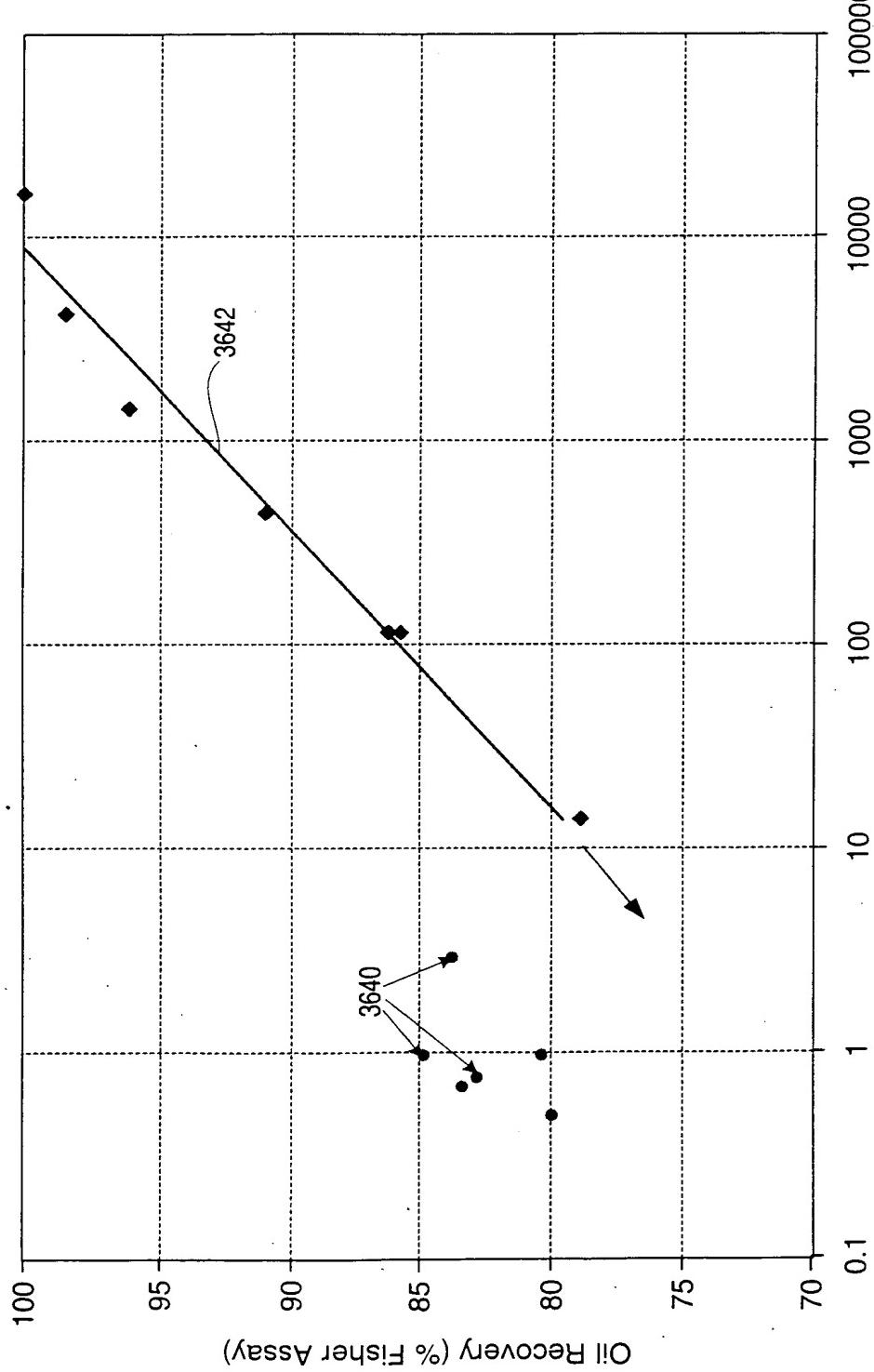
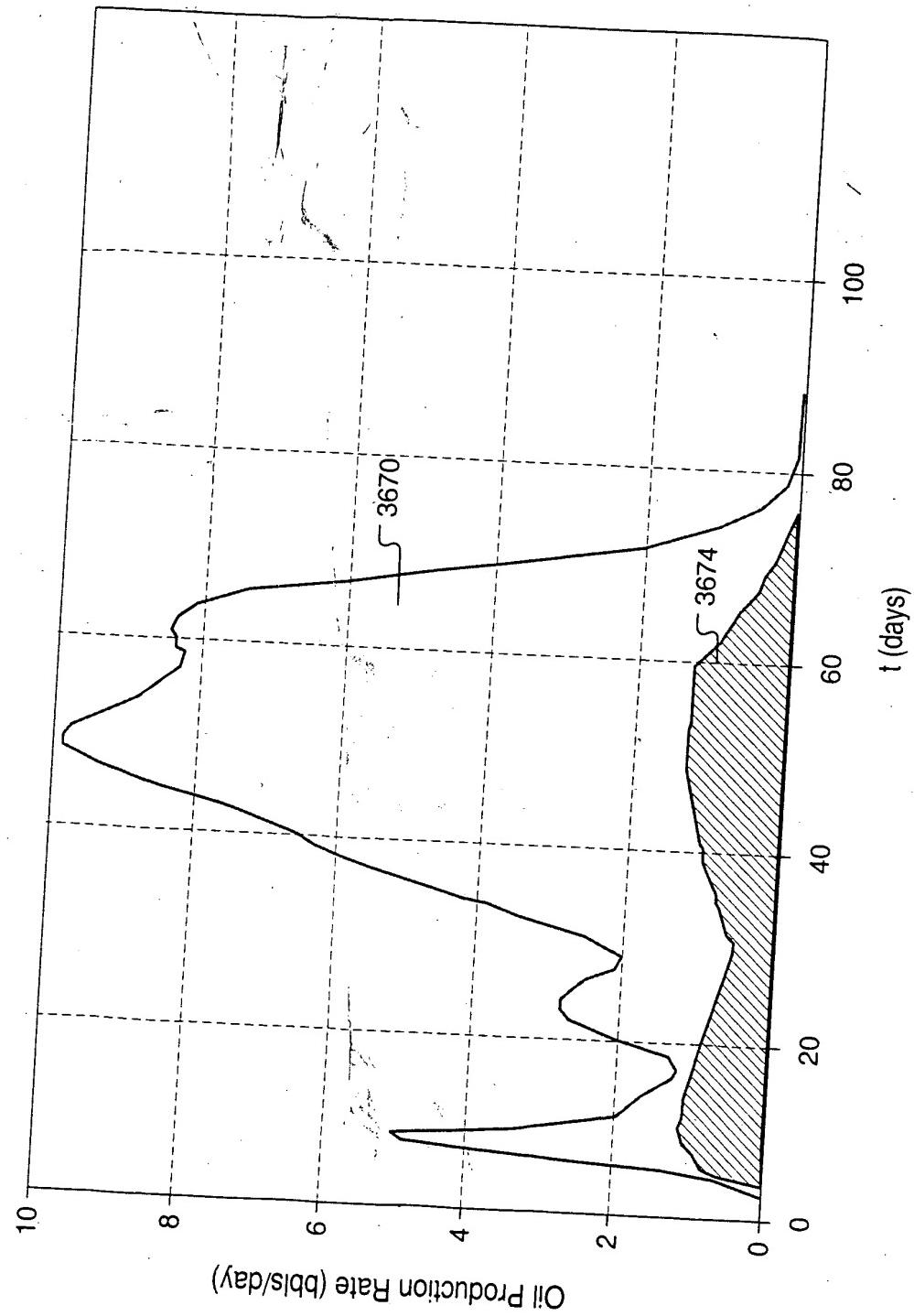


FIG. 114



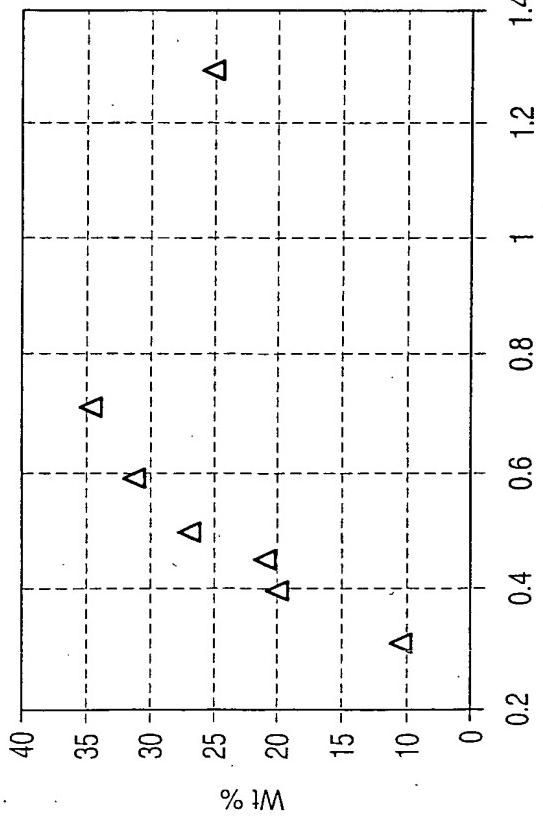


FIG. 115

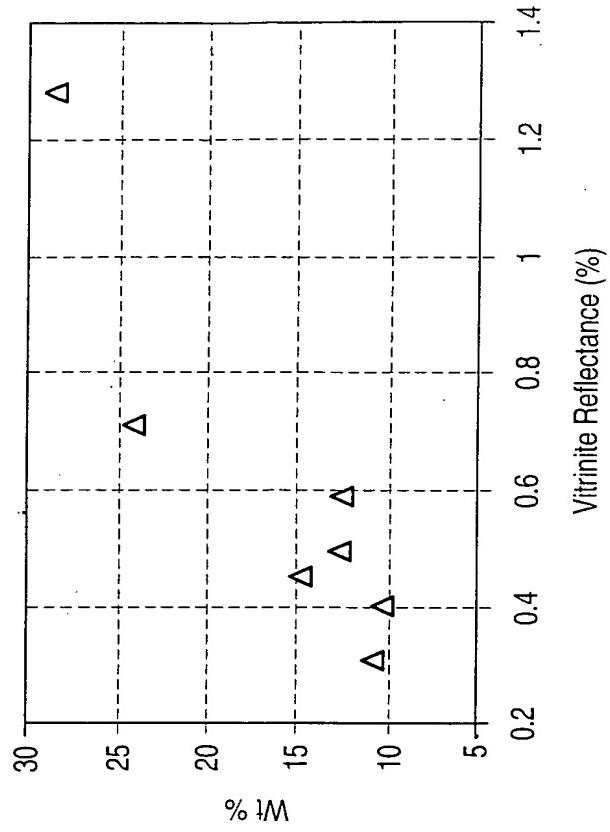


FIG. 116

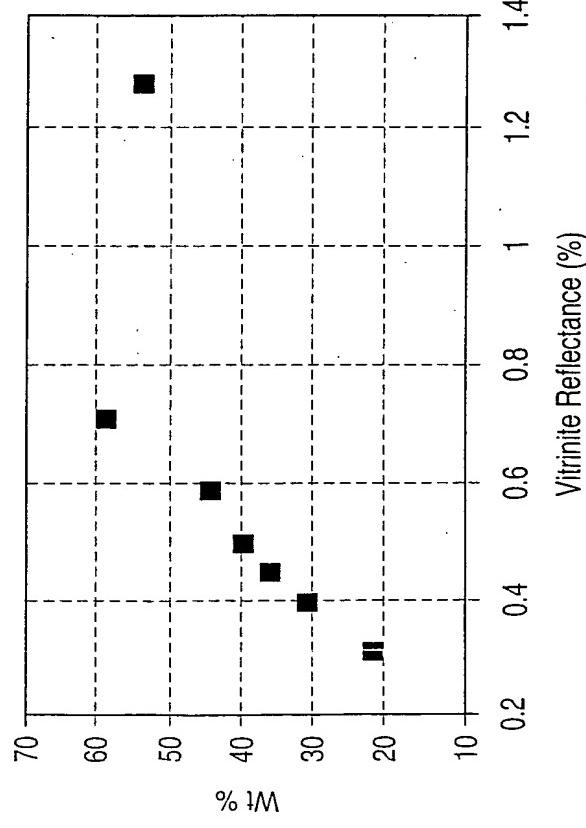


FIG. 117

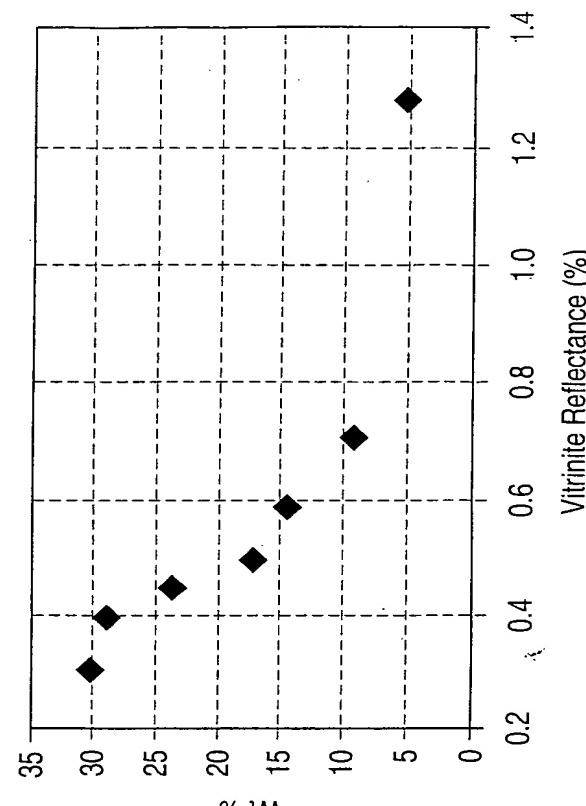


FIG. 118

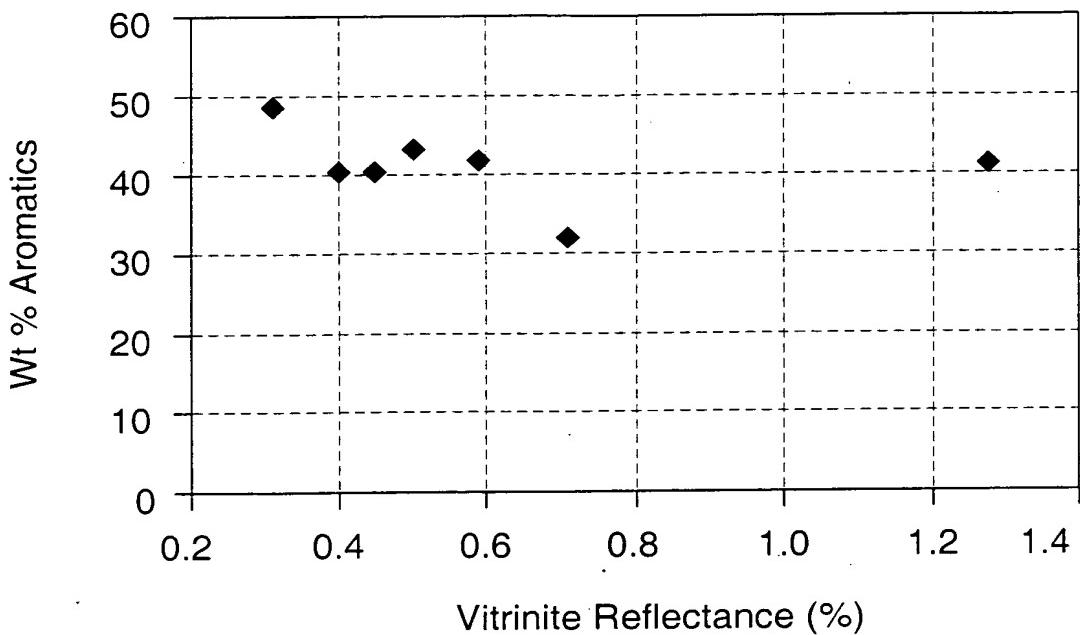


FIG. 119

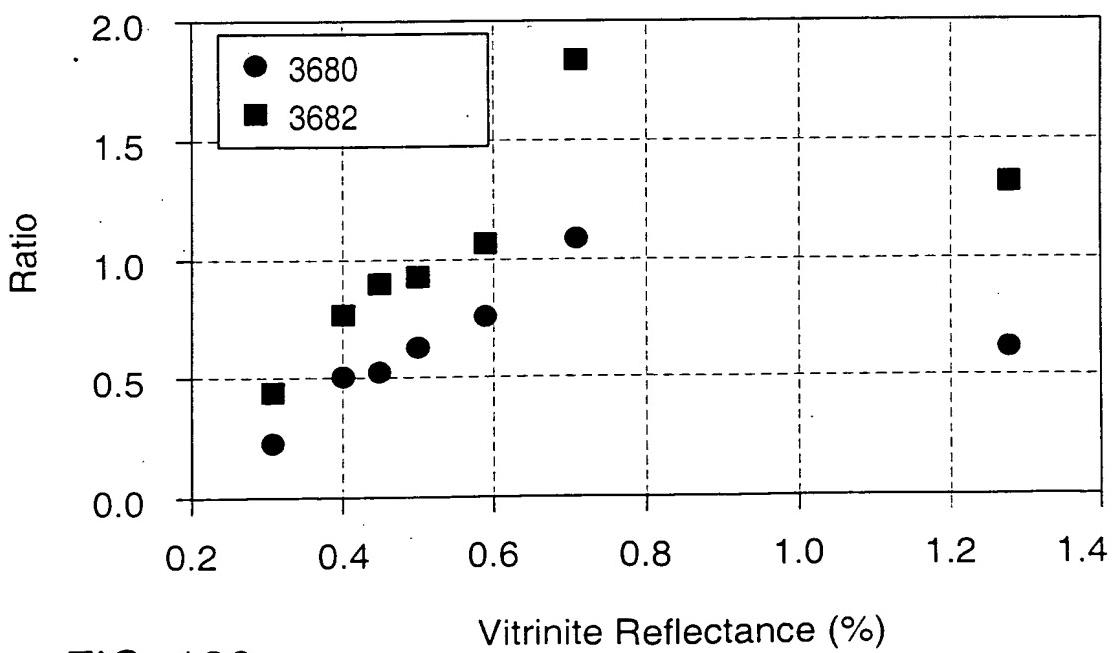


FIG. 120

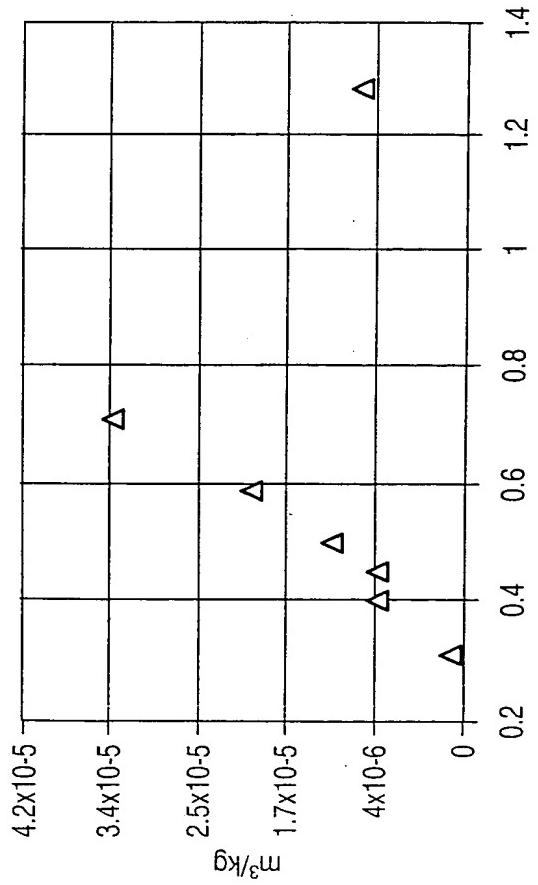


FIG. 121

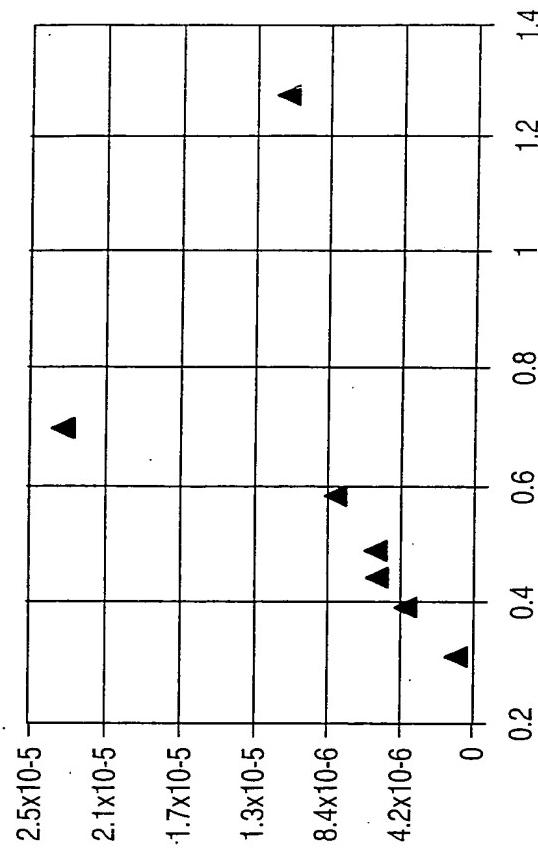


FIG. 122

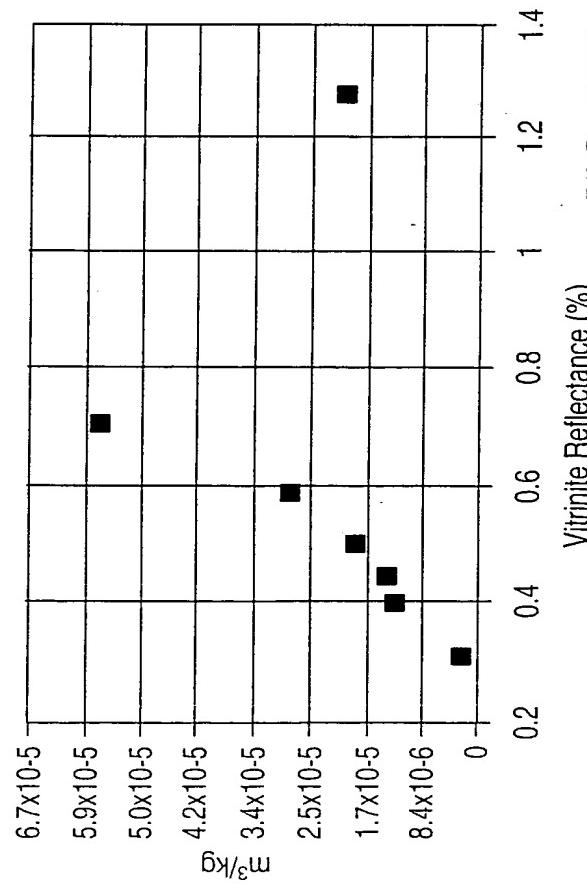


FIG. 123

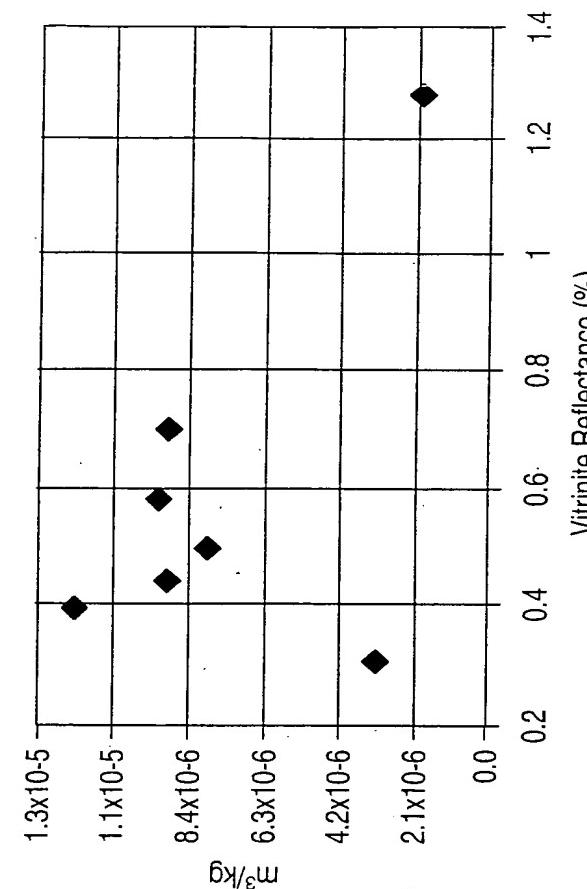


FIG. 124

FIG. 125

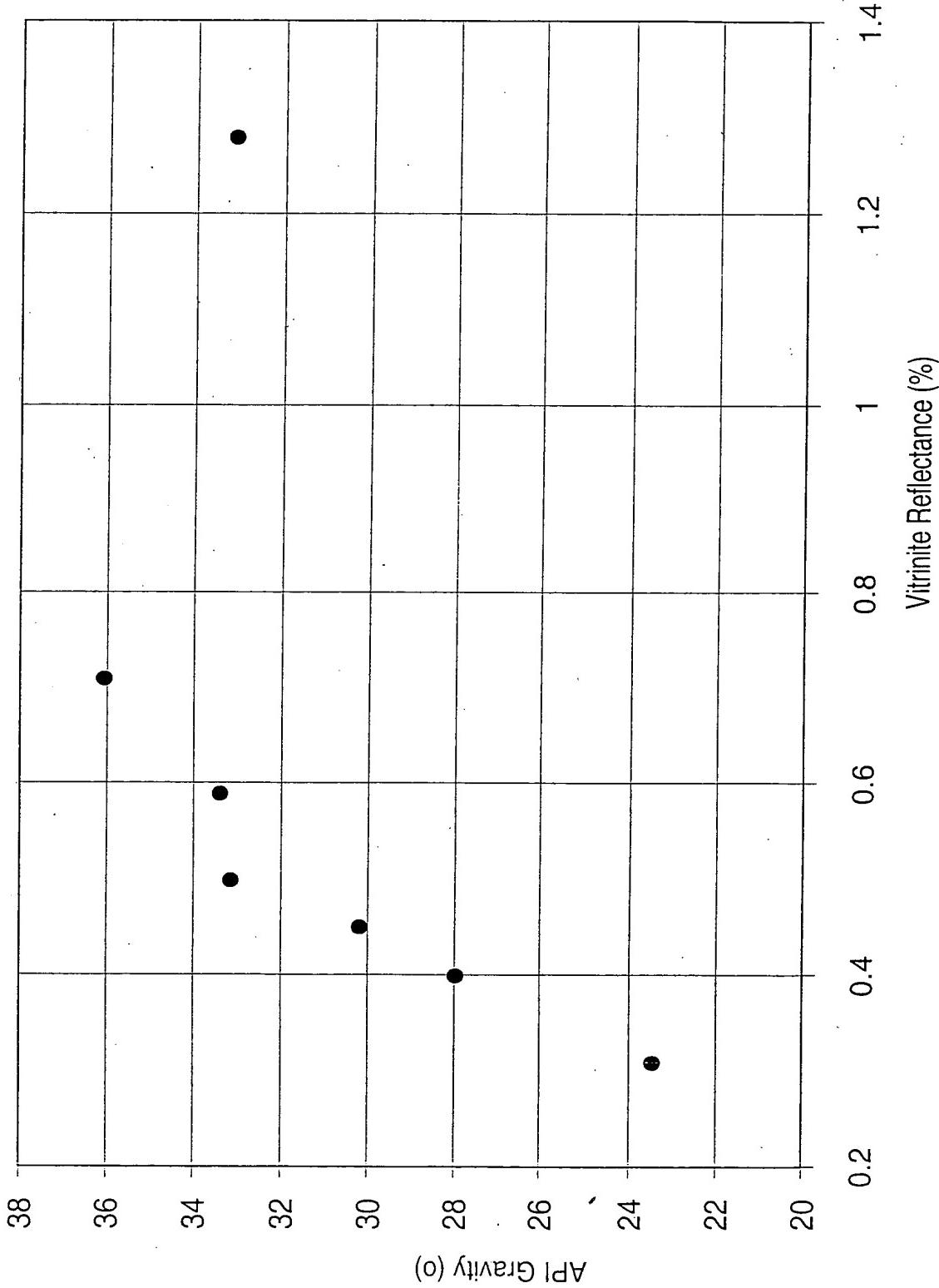
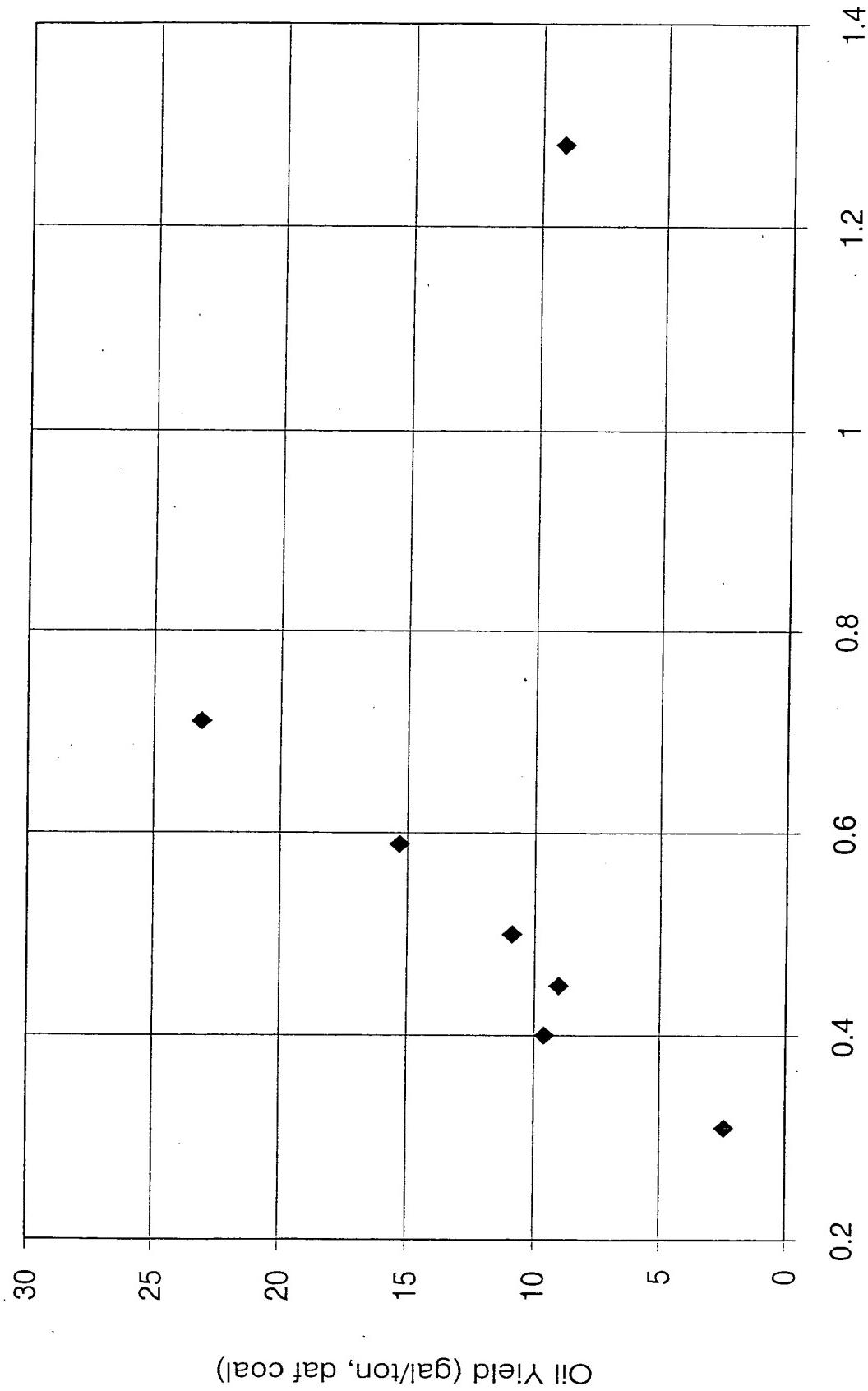


FIG. 126  
Vitrinite Reflectance (%)



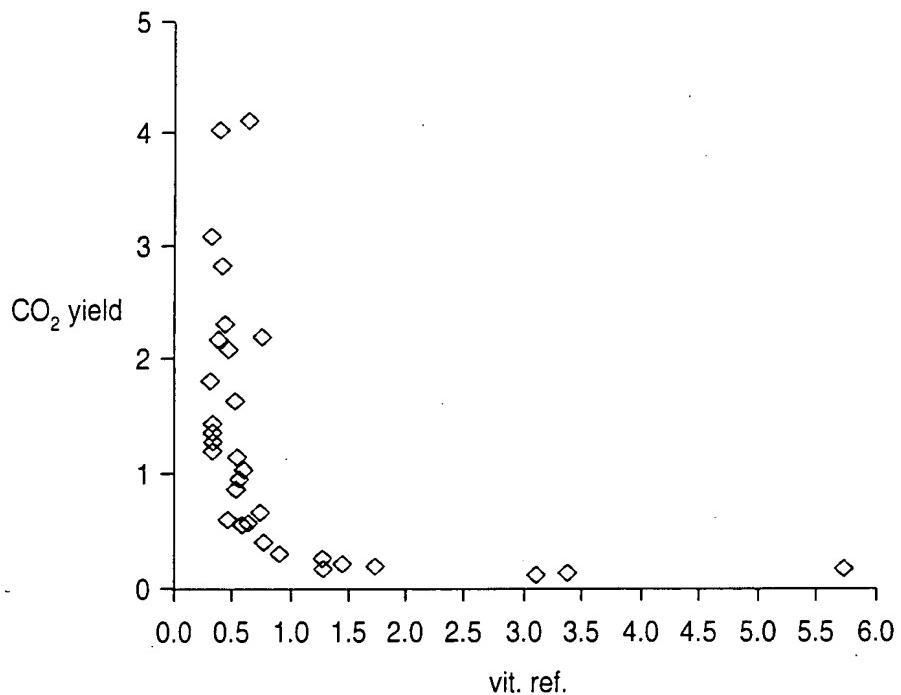


FIG. 127

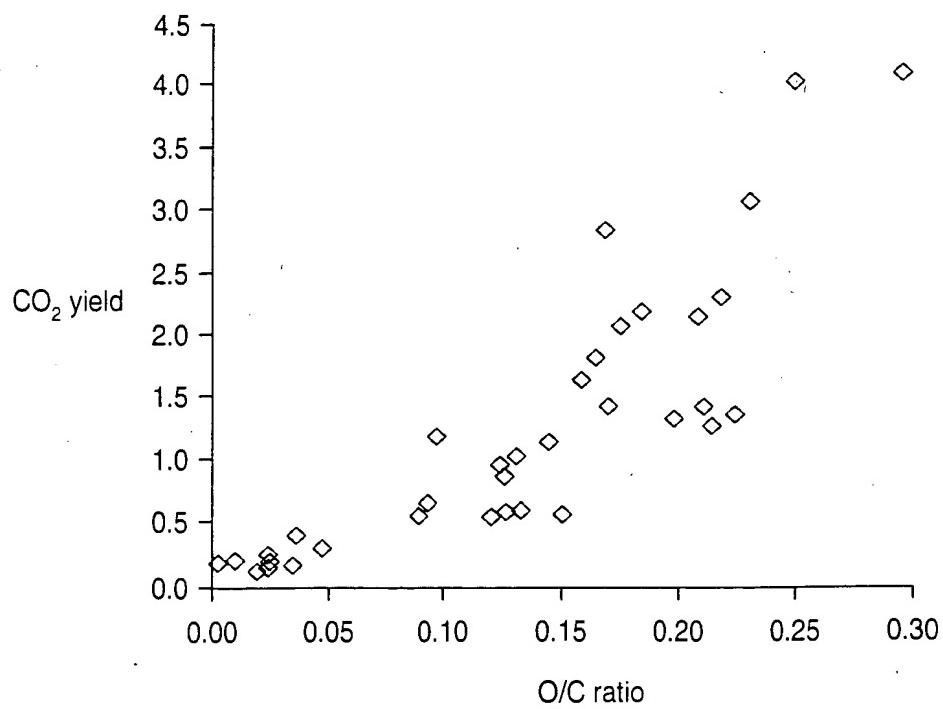
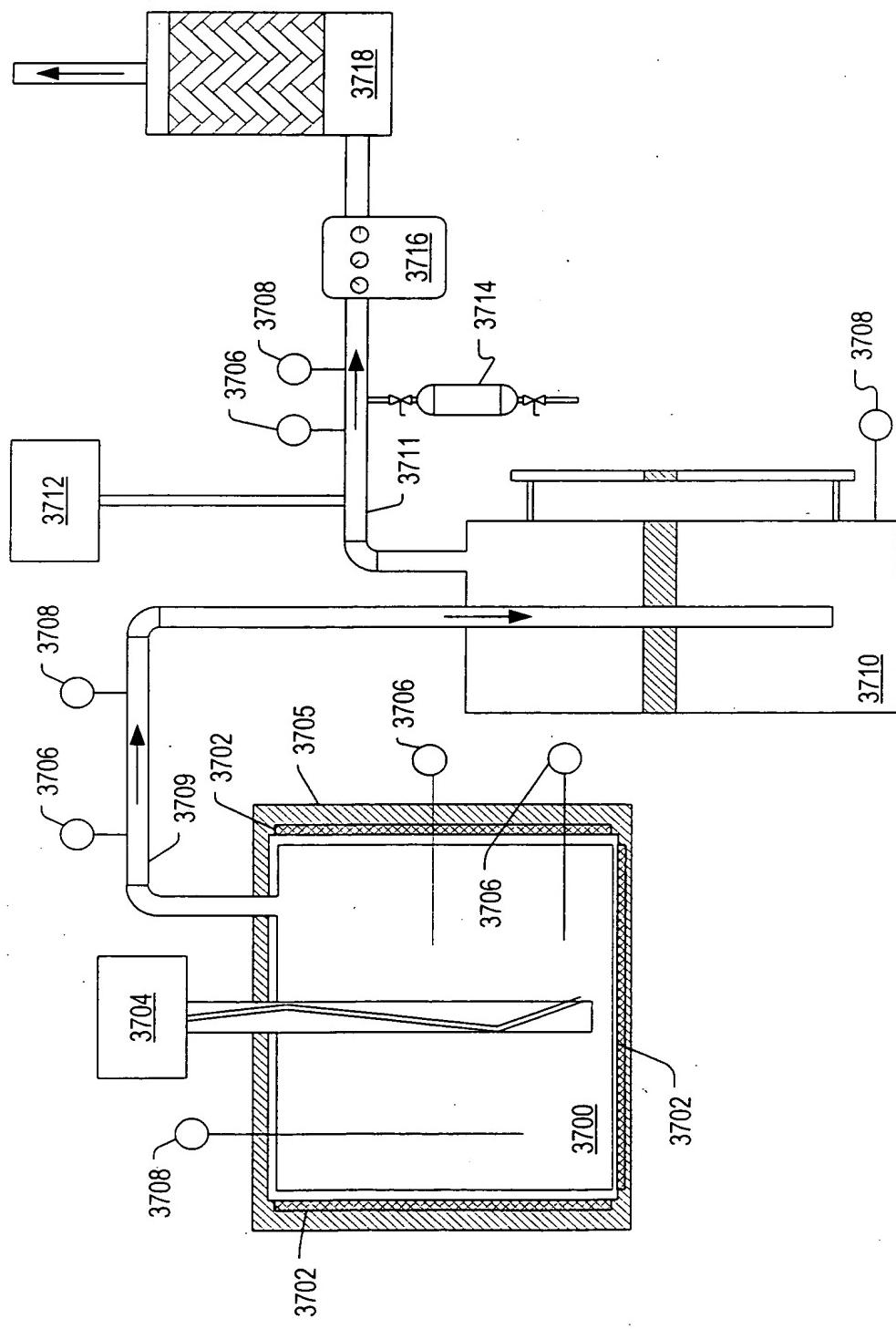


FIG. 128

FIG. 129



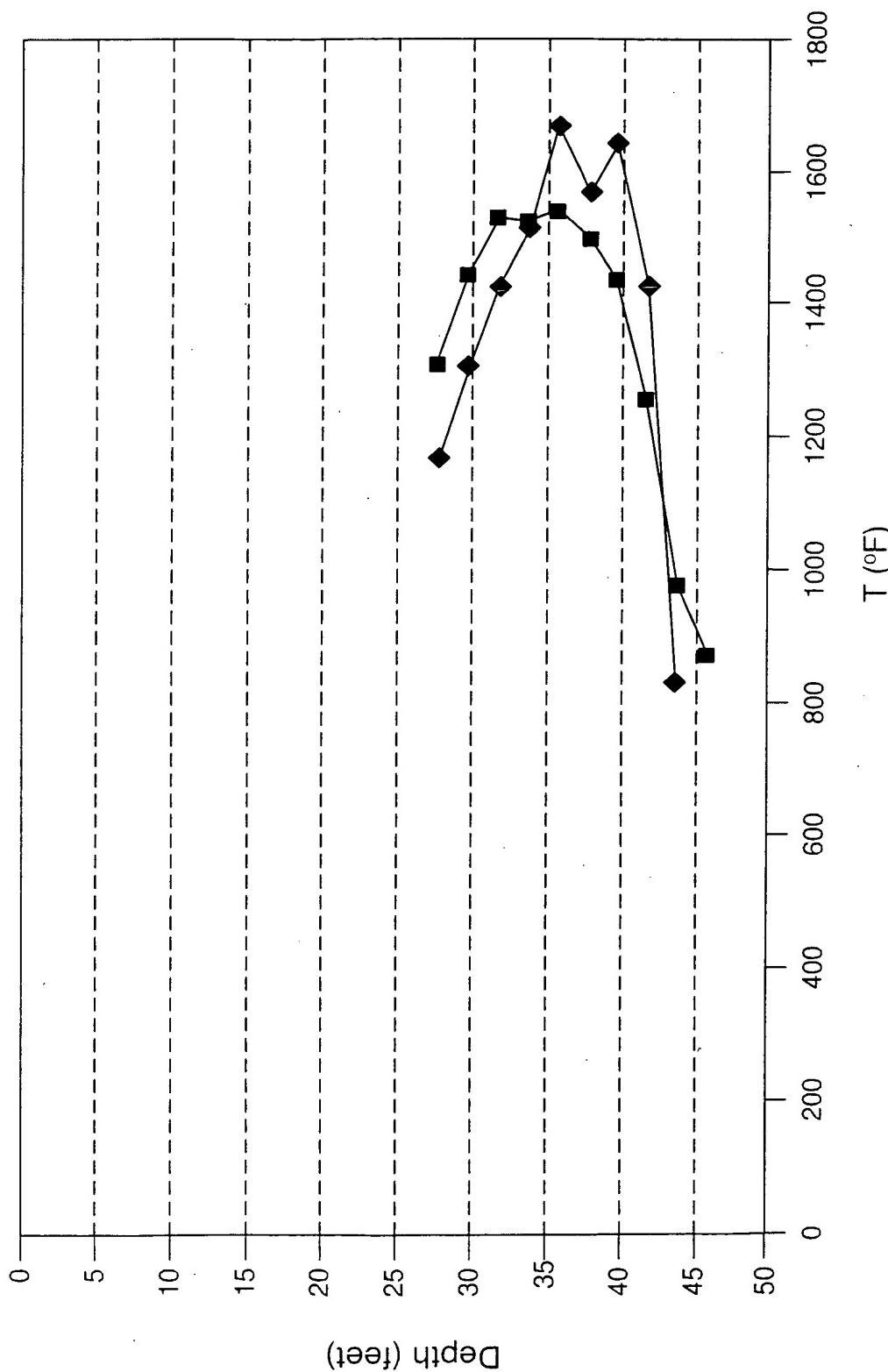


FIG. 130

FIG. 131

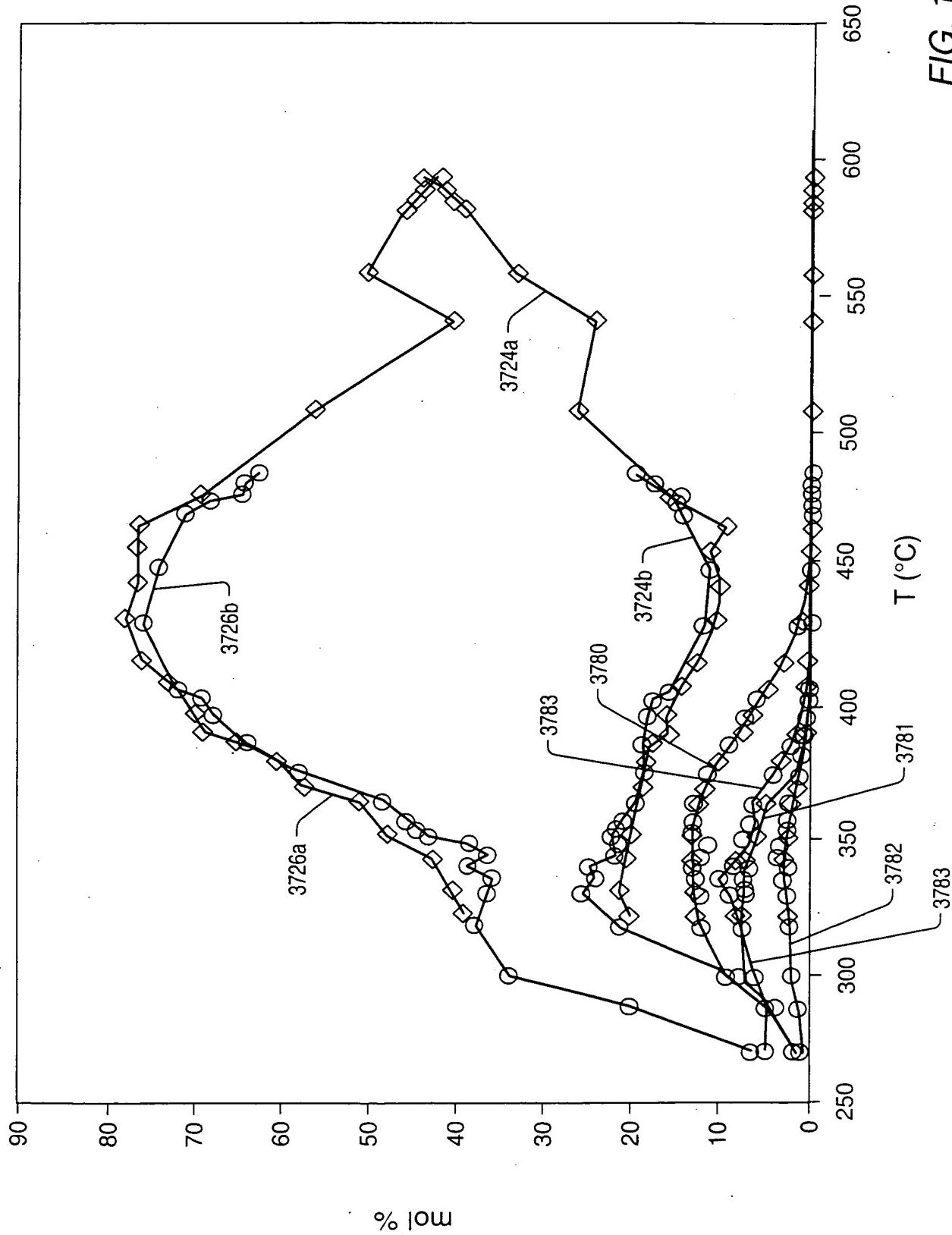


Fig. 132. DSC thermograms of poly(ether ether ketone) at various temperatures.

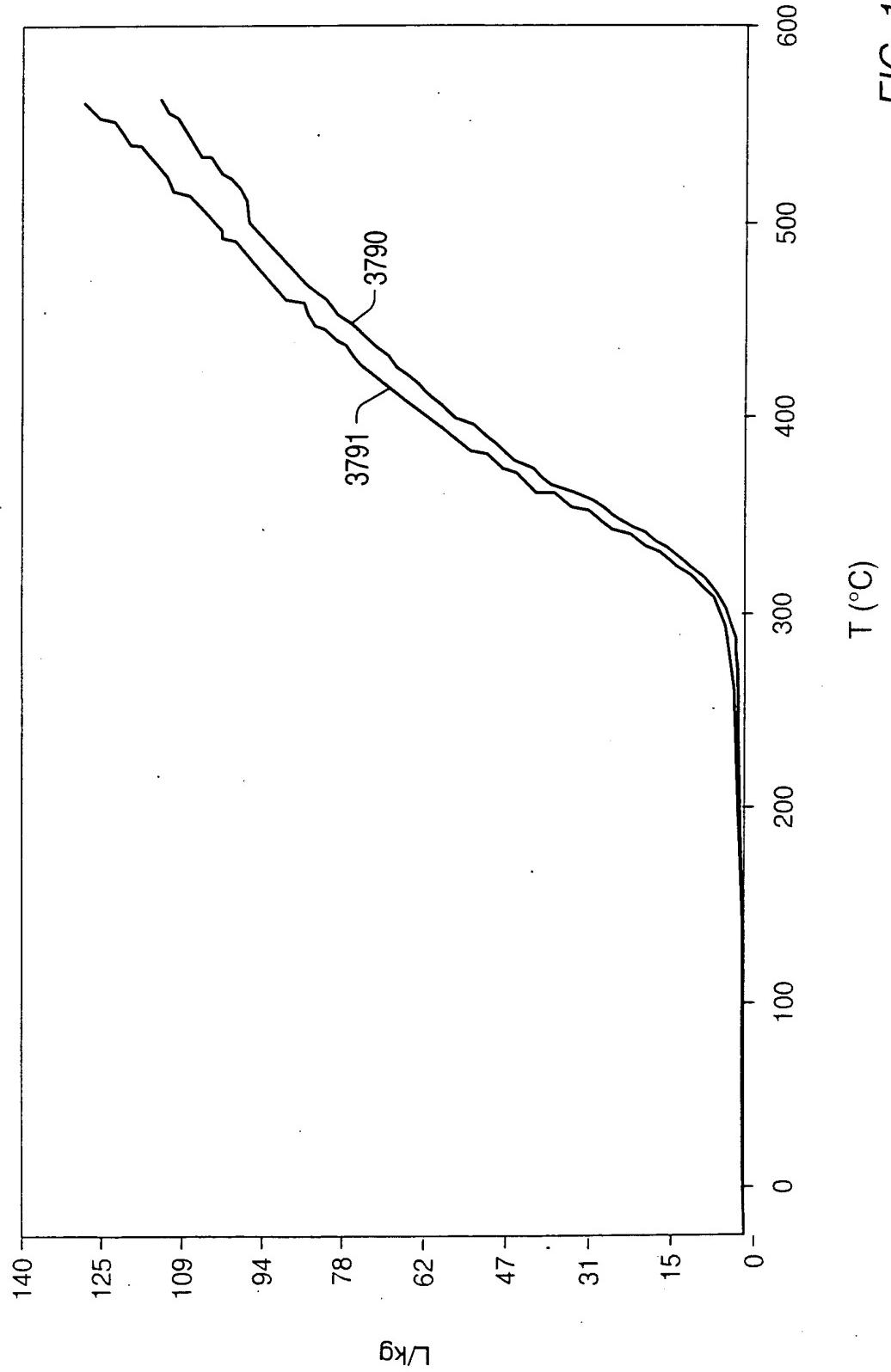


FIG. 132

FIG. 133

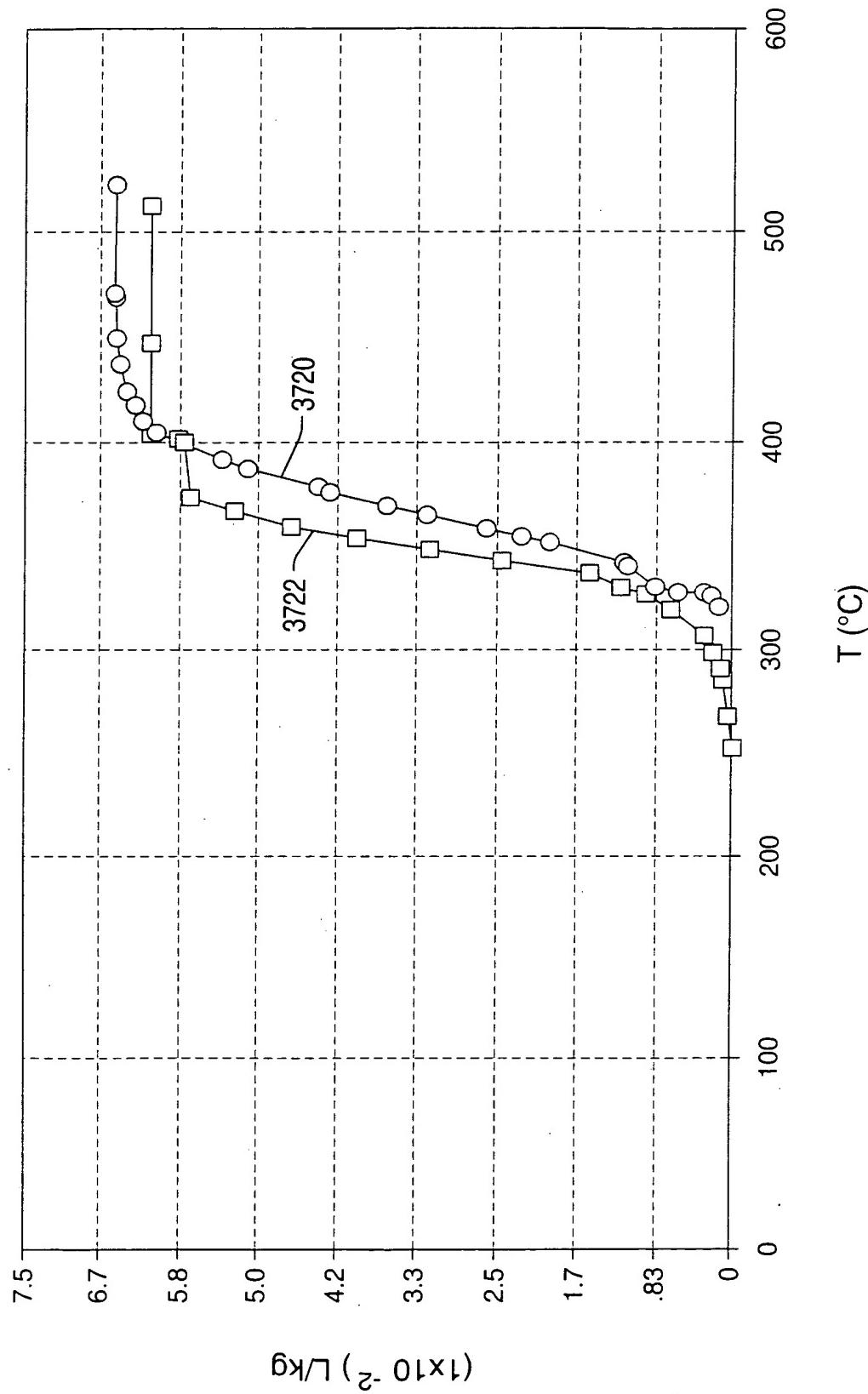
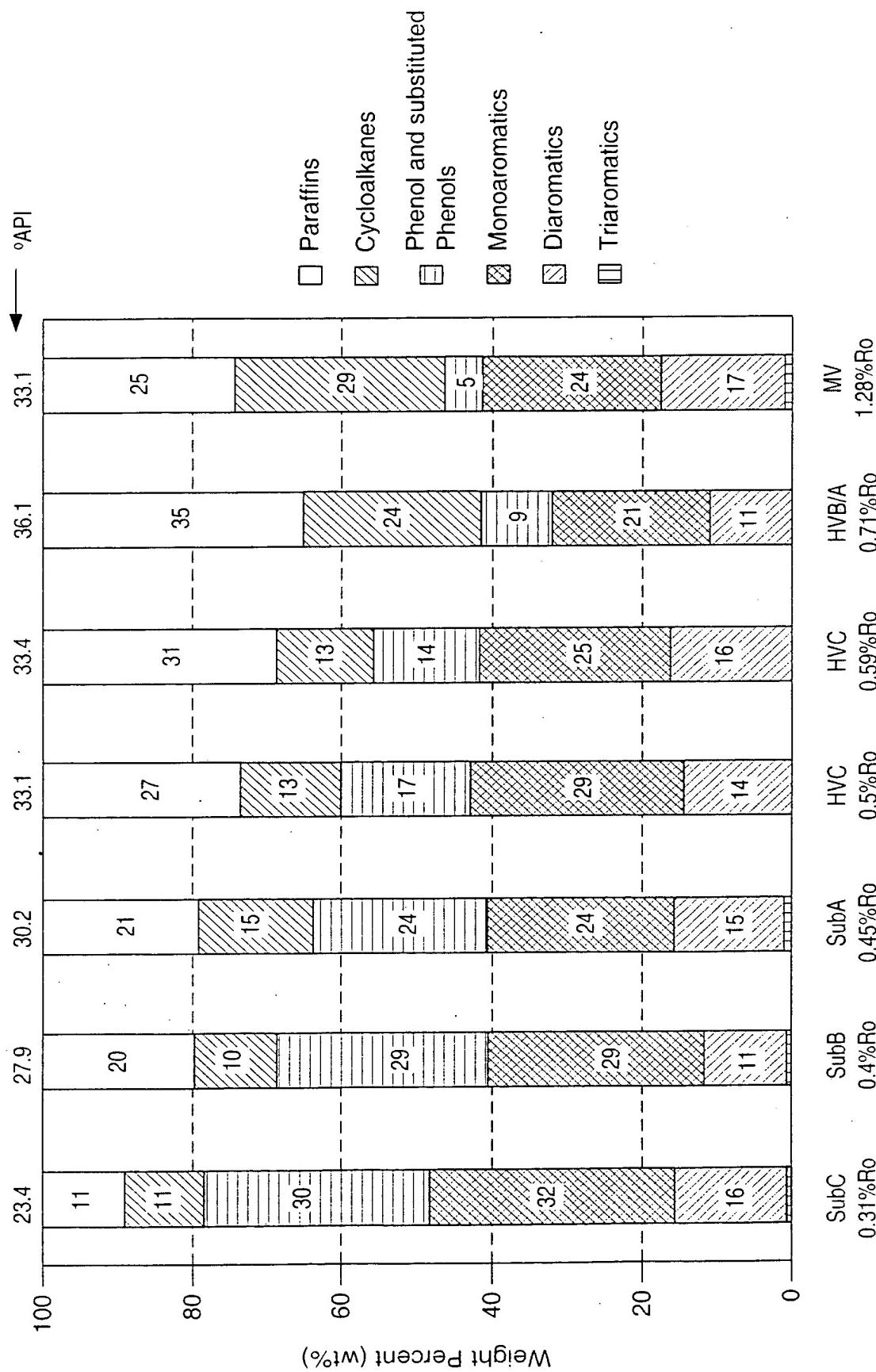


FIG. 134

SubC      SubB      SubA      HVC      HVA      MV  
 0.31%Ro    0.4%Ro    0.45%Ro    0.5%Ro    0.59%Ro    0.71%Ro    1.28%Ro



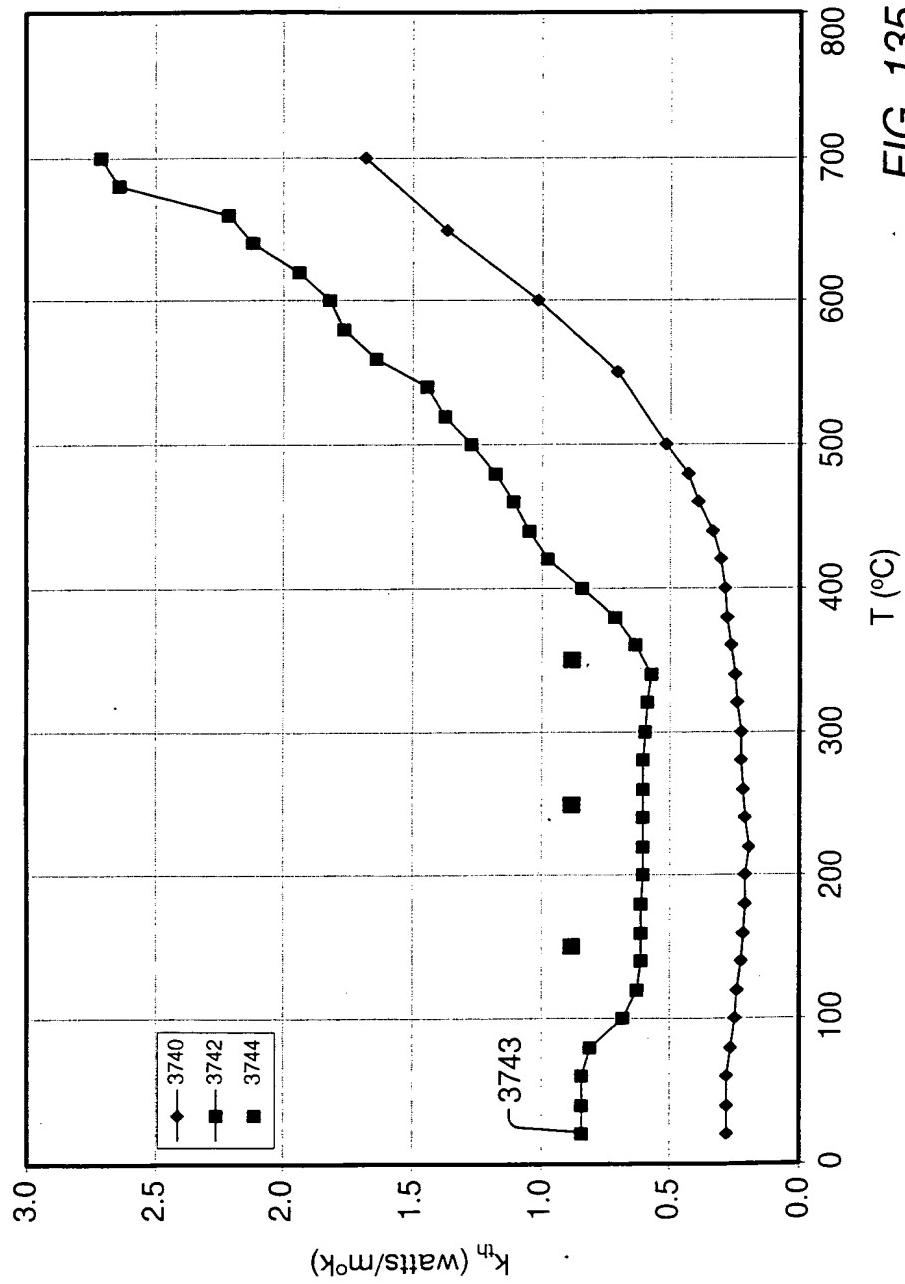


FIG. 135

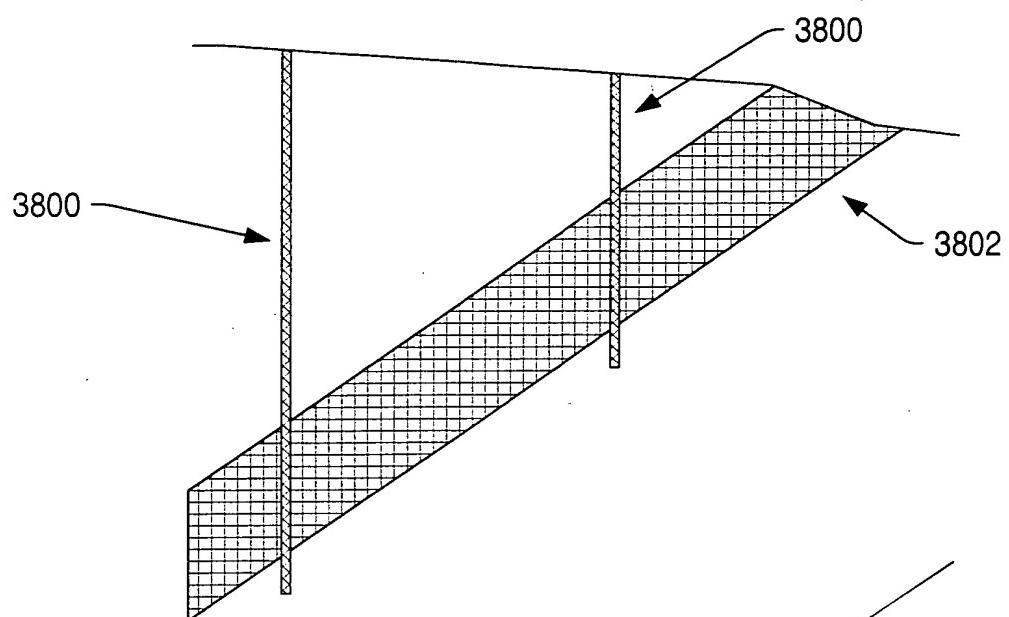


FIG. 136

图 37 为一个由 3800 个球形分子组成的环状聚集体。分子 3800 在右侧，分子 3804a 在下方，分子 3804b 在左侧，分子 3806a 在下方，分子 3806b 在左侧，分子 3808a 在下方，分子 3808b 在左侧，分子 3808c 在上方，分子 3808d 在上方。

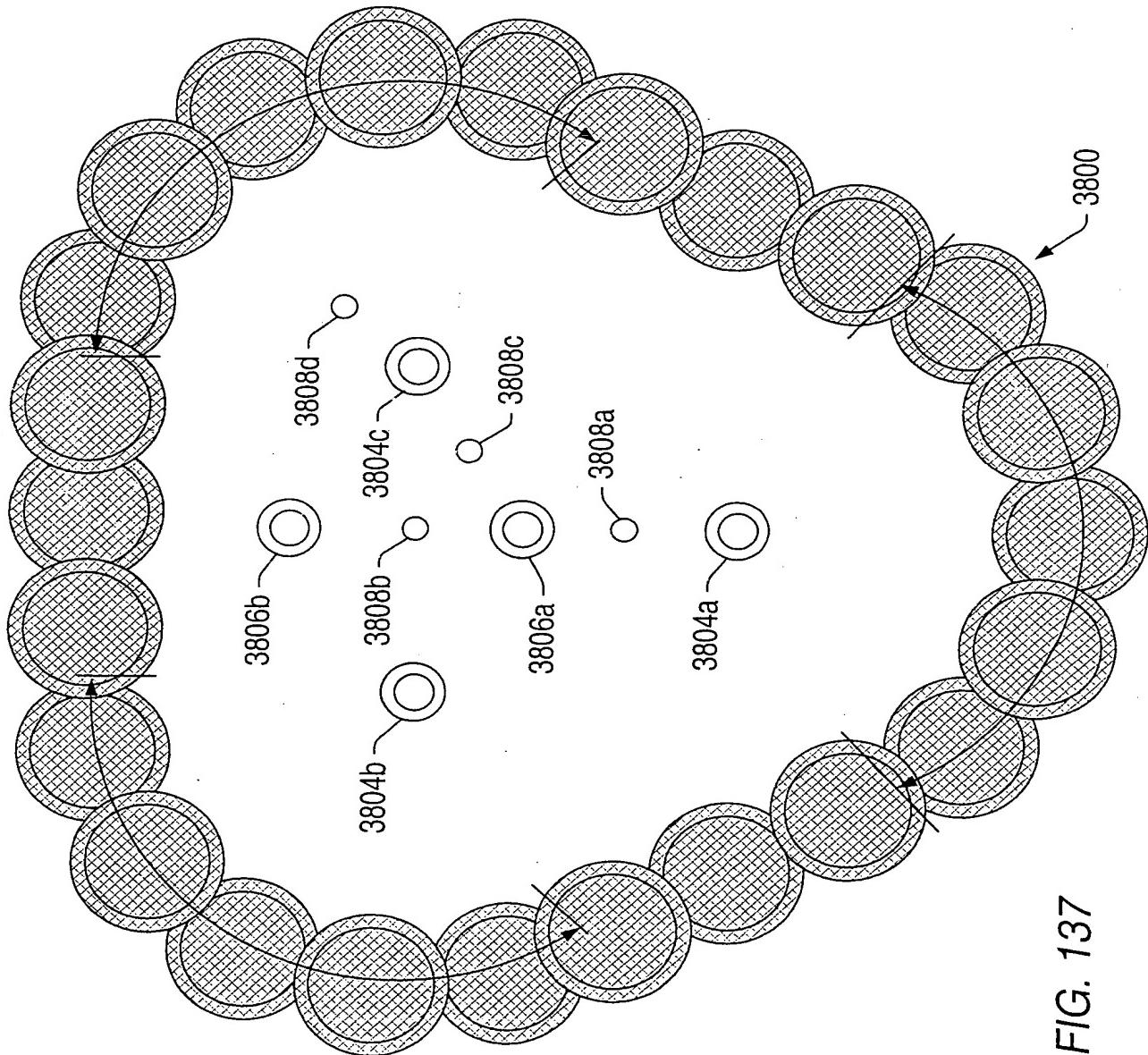


FIG. 137

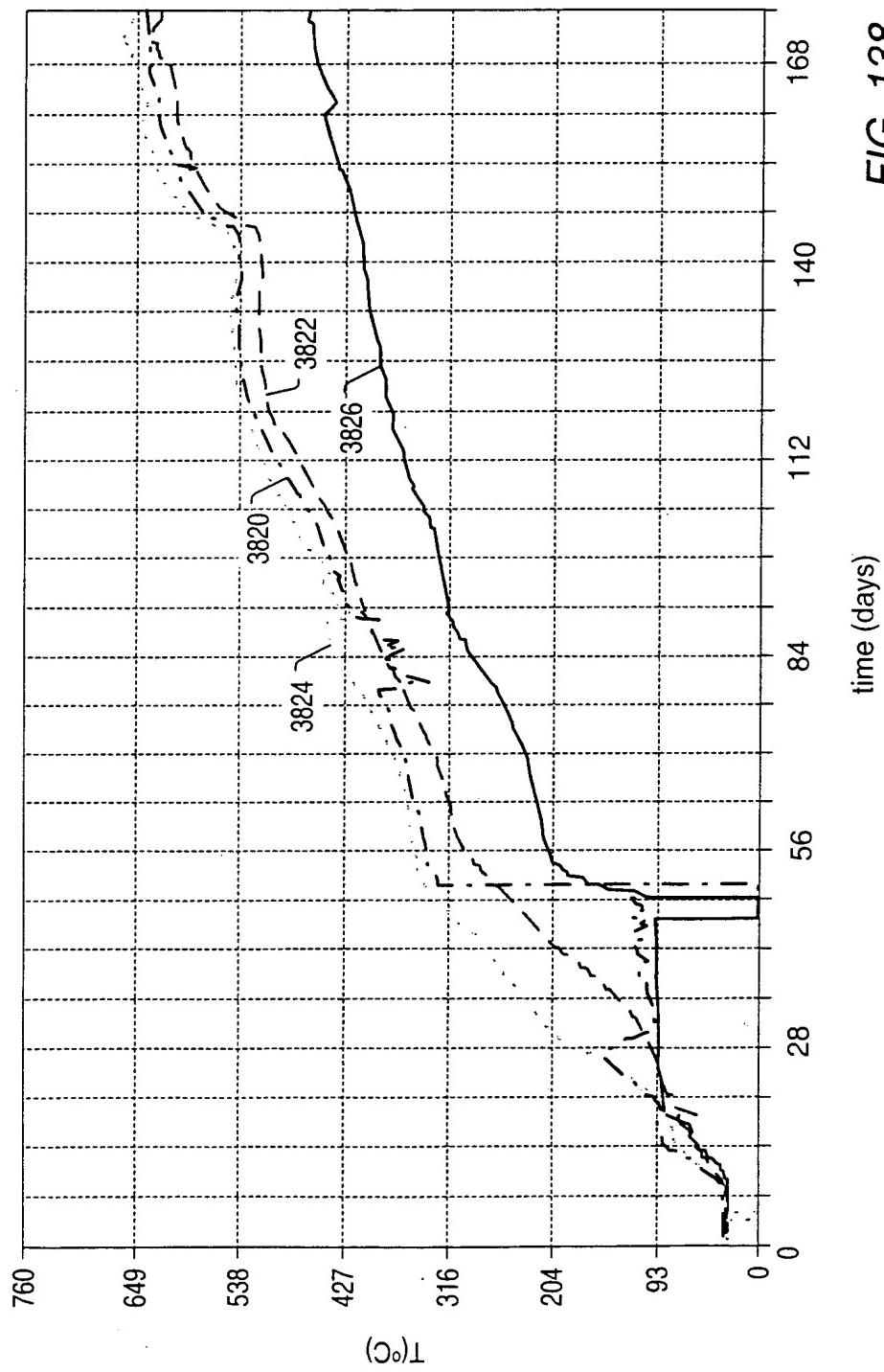


FIG. 138

FIG. 139

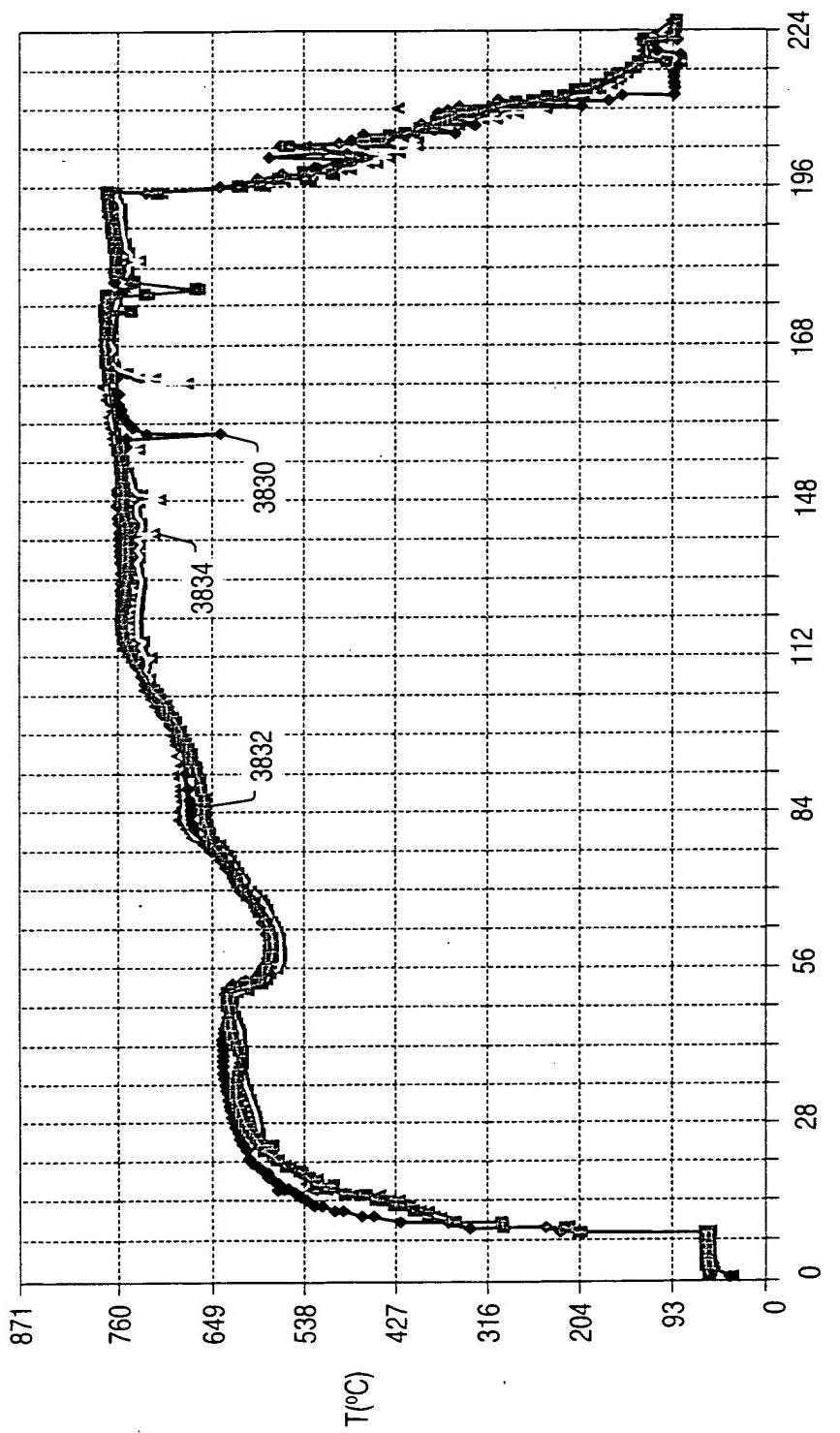


FIG. 140

time (days)

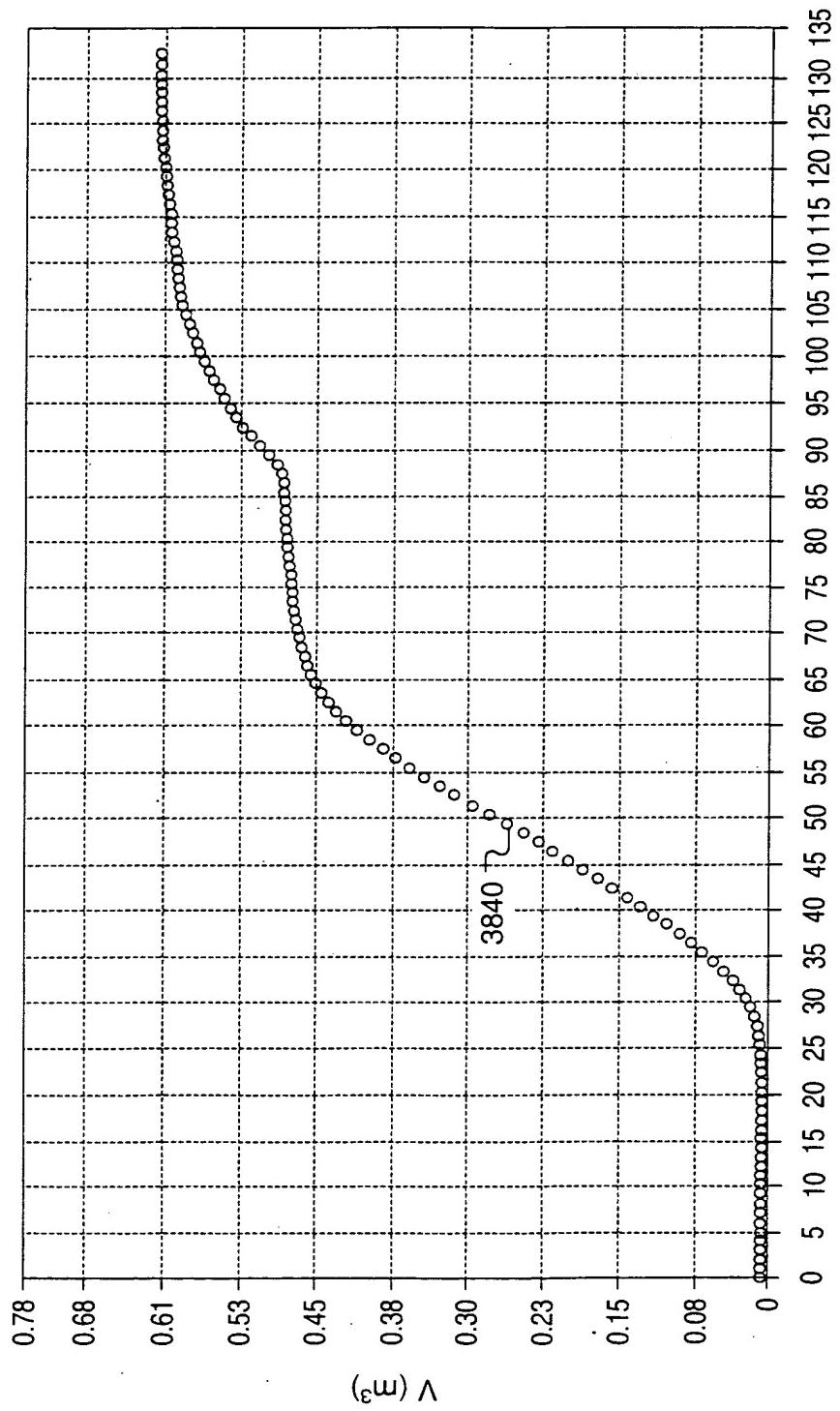
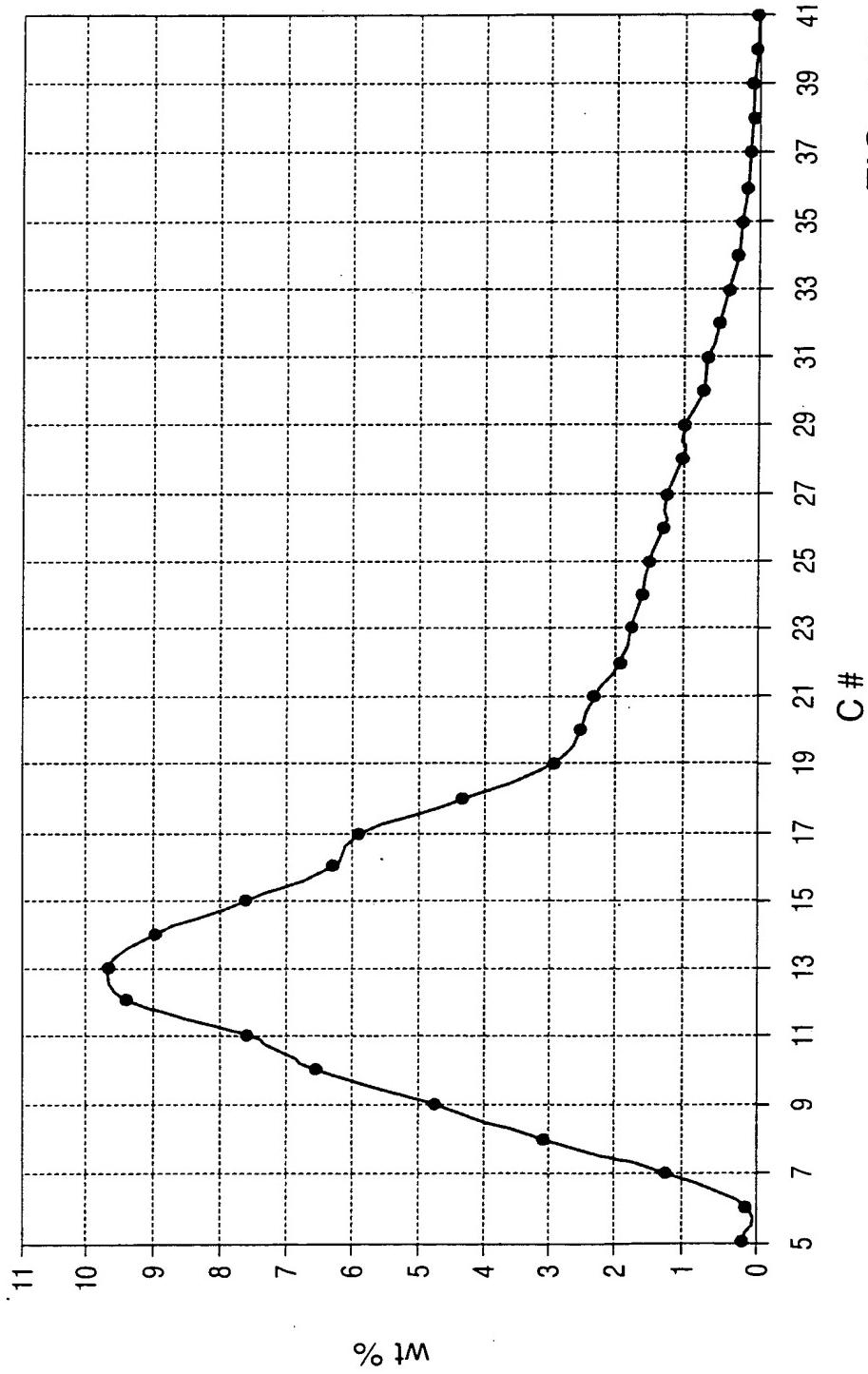


FIG. 141



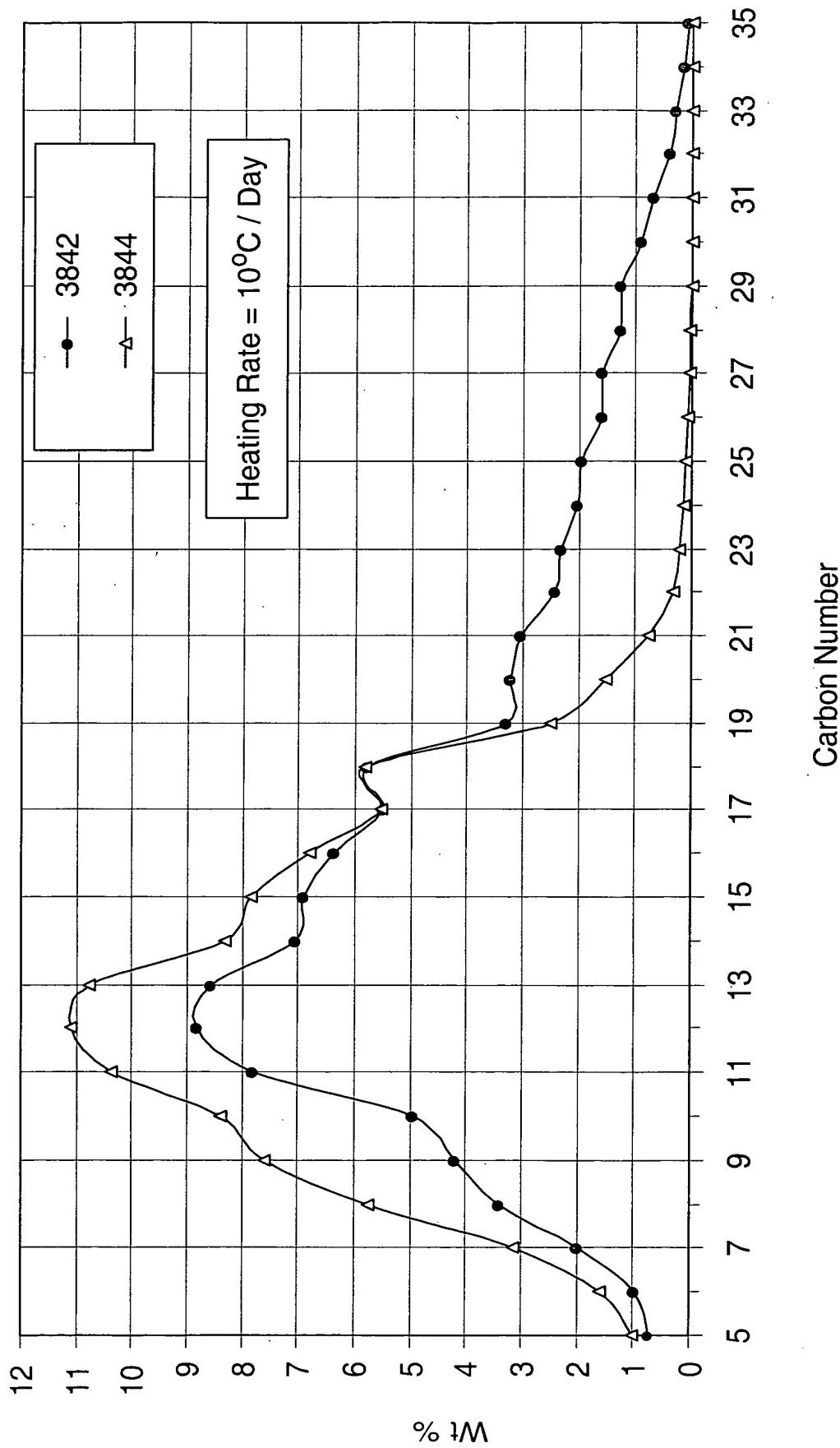


FIG. 142

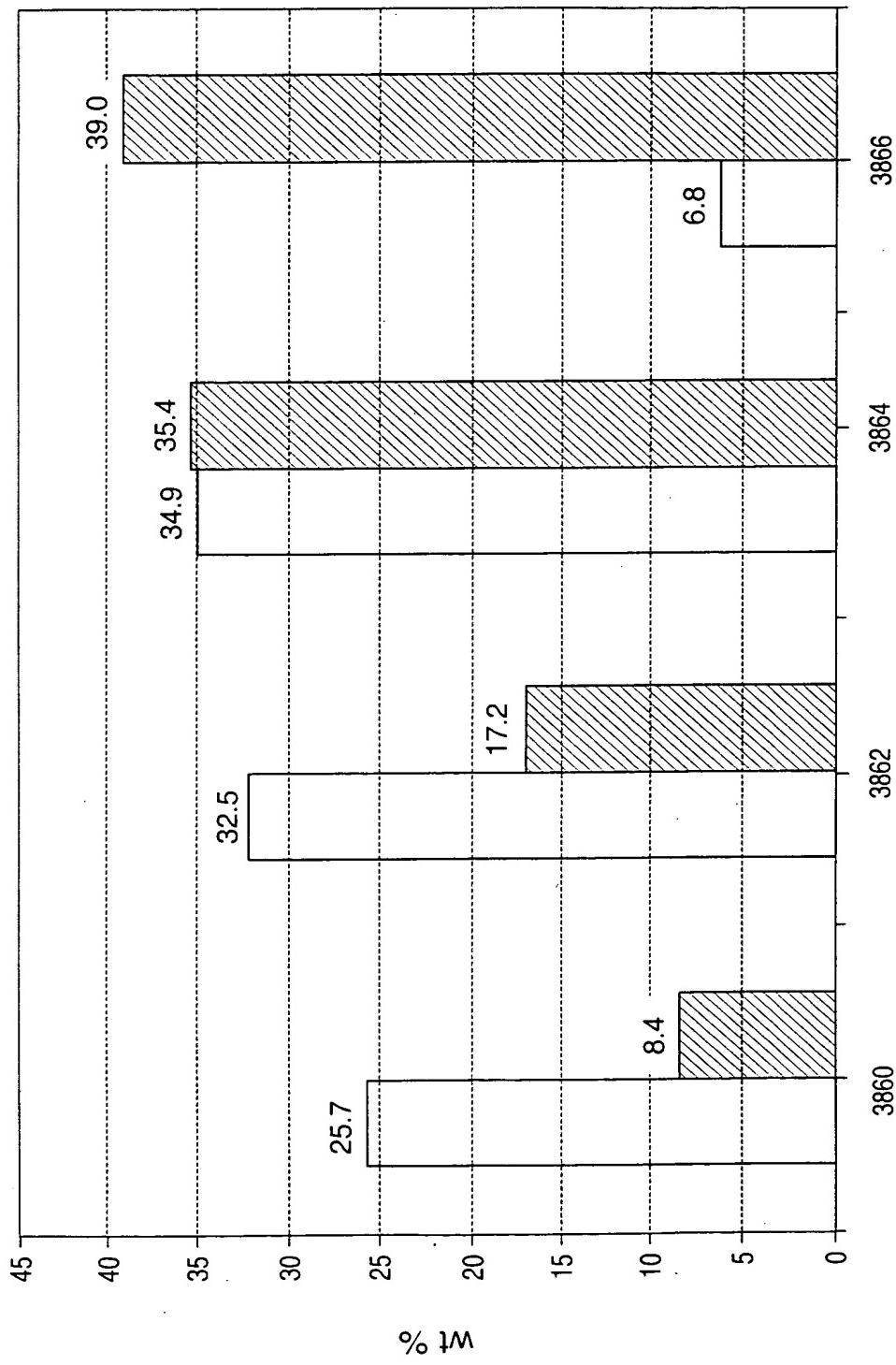


FIG. 143

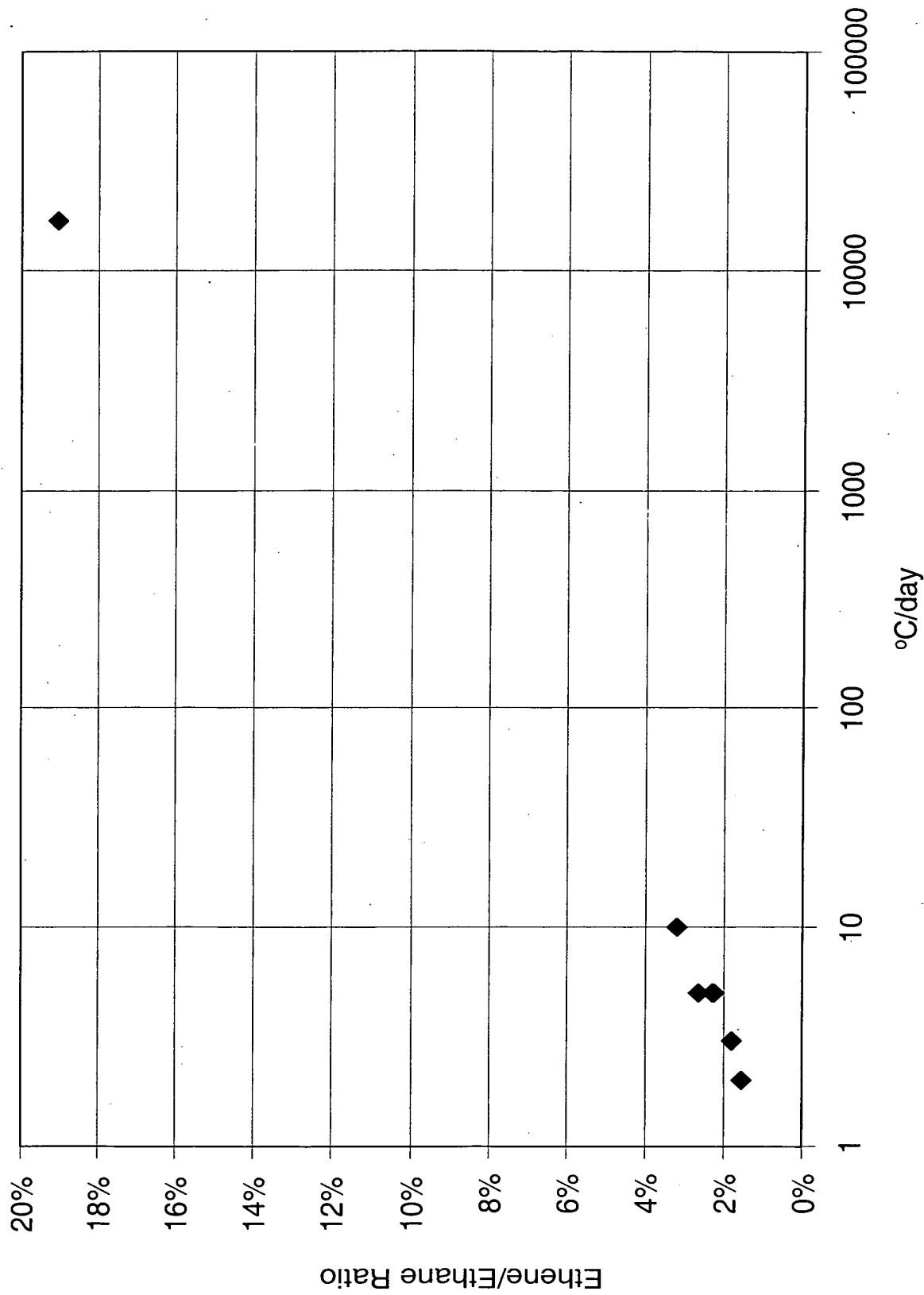
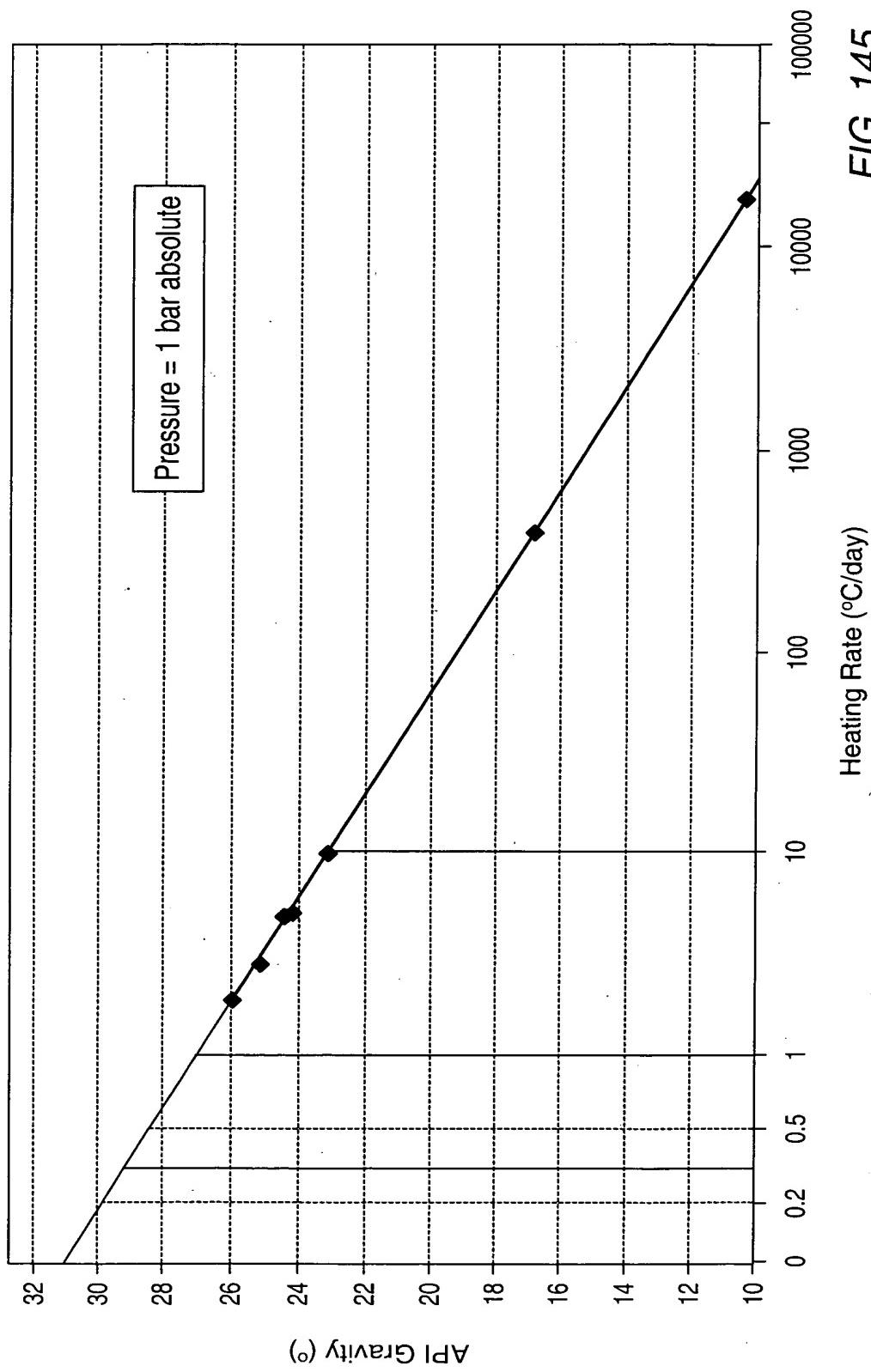


FIG. 144

FIG. 145



• 3870 ■ 3872 × 3874 ● 3876 ▲ 3878

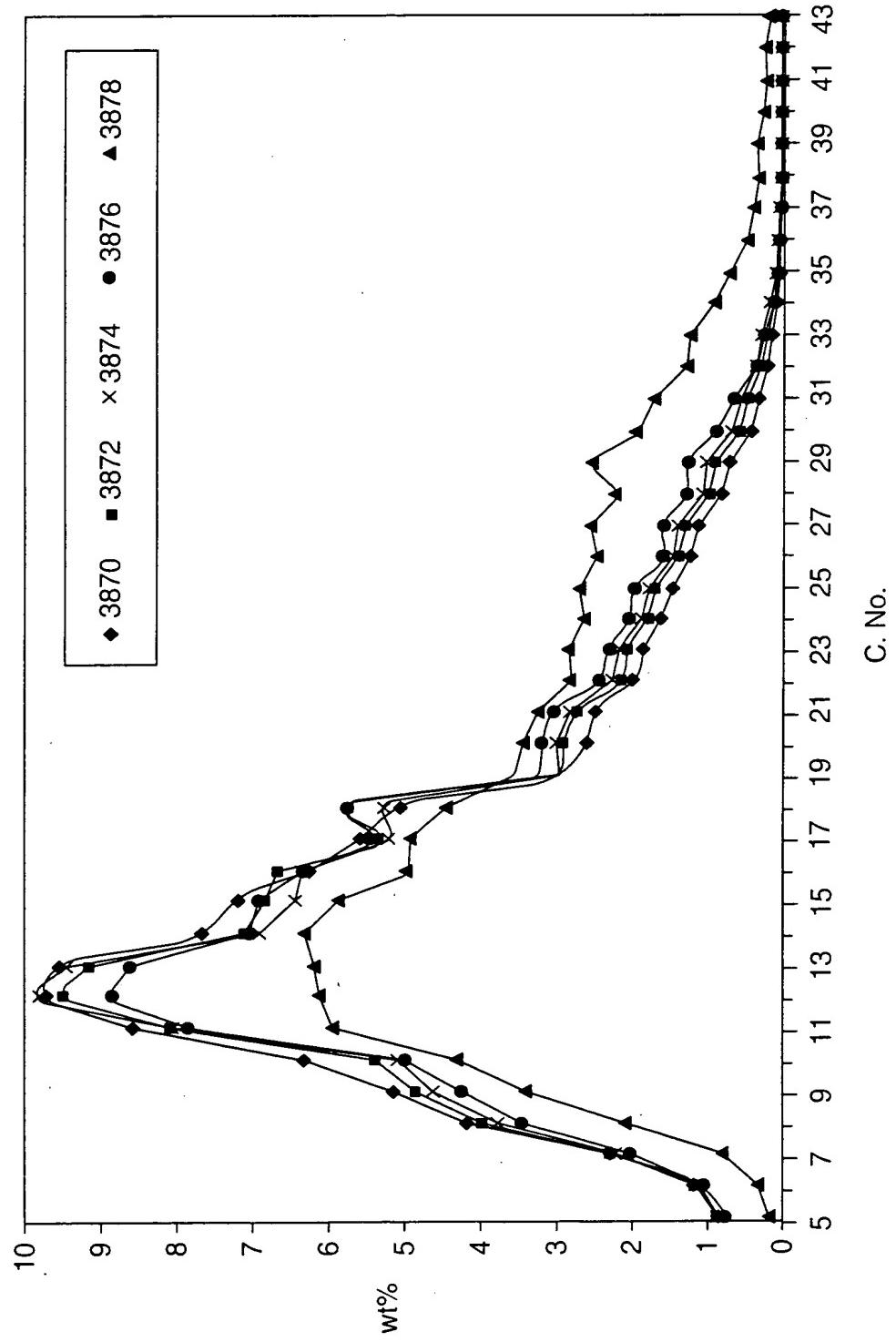


FIG. 146

C. No.

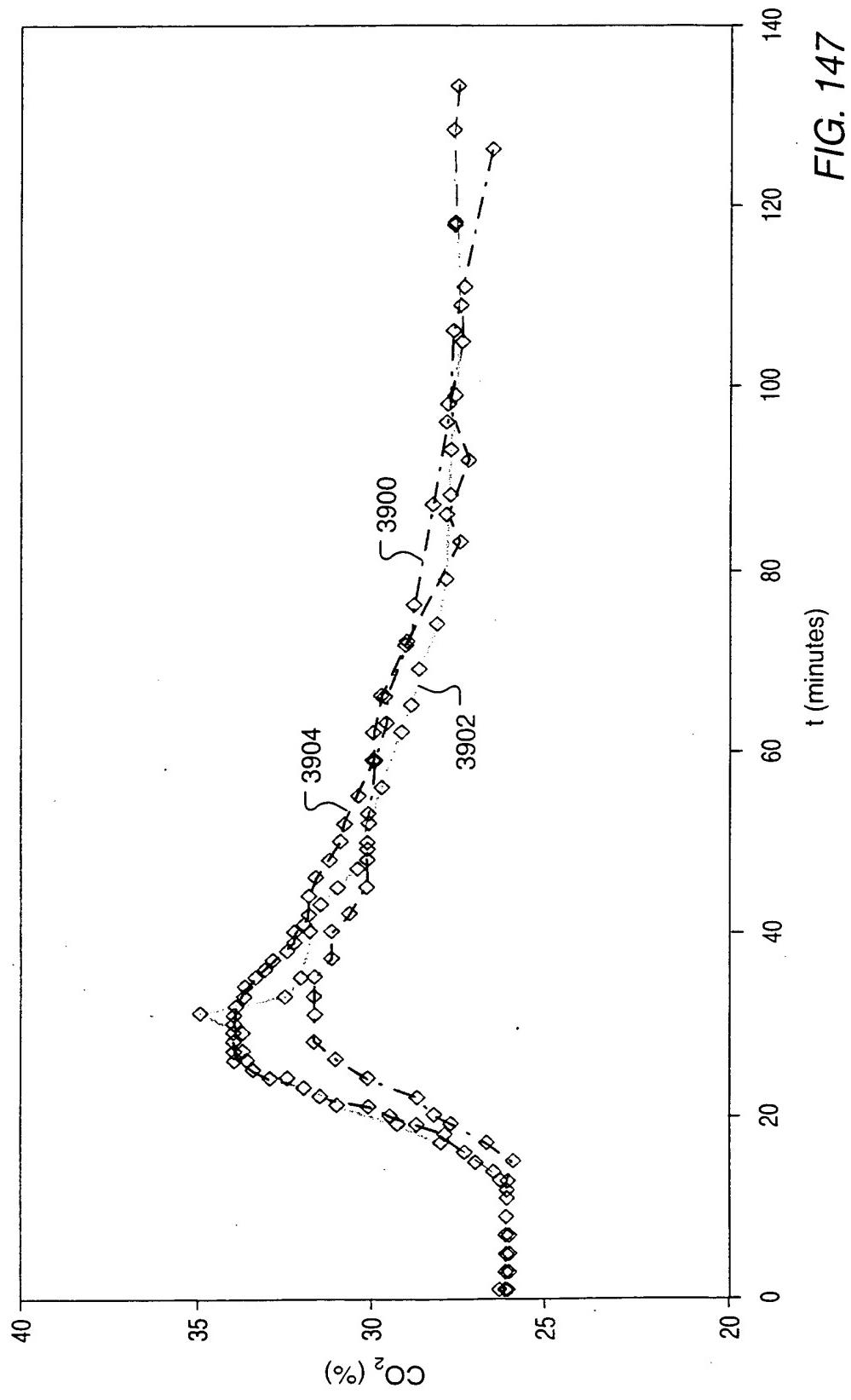


FIG. 147

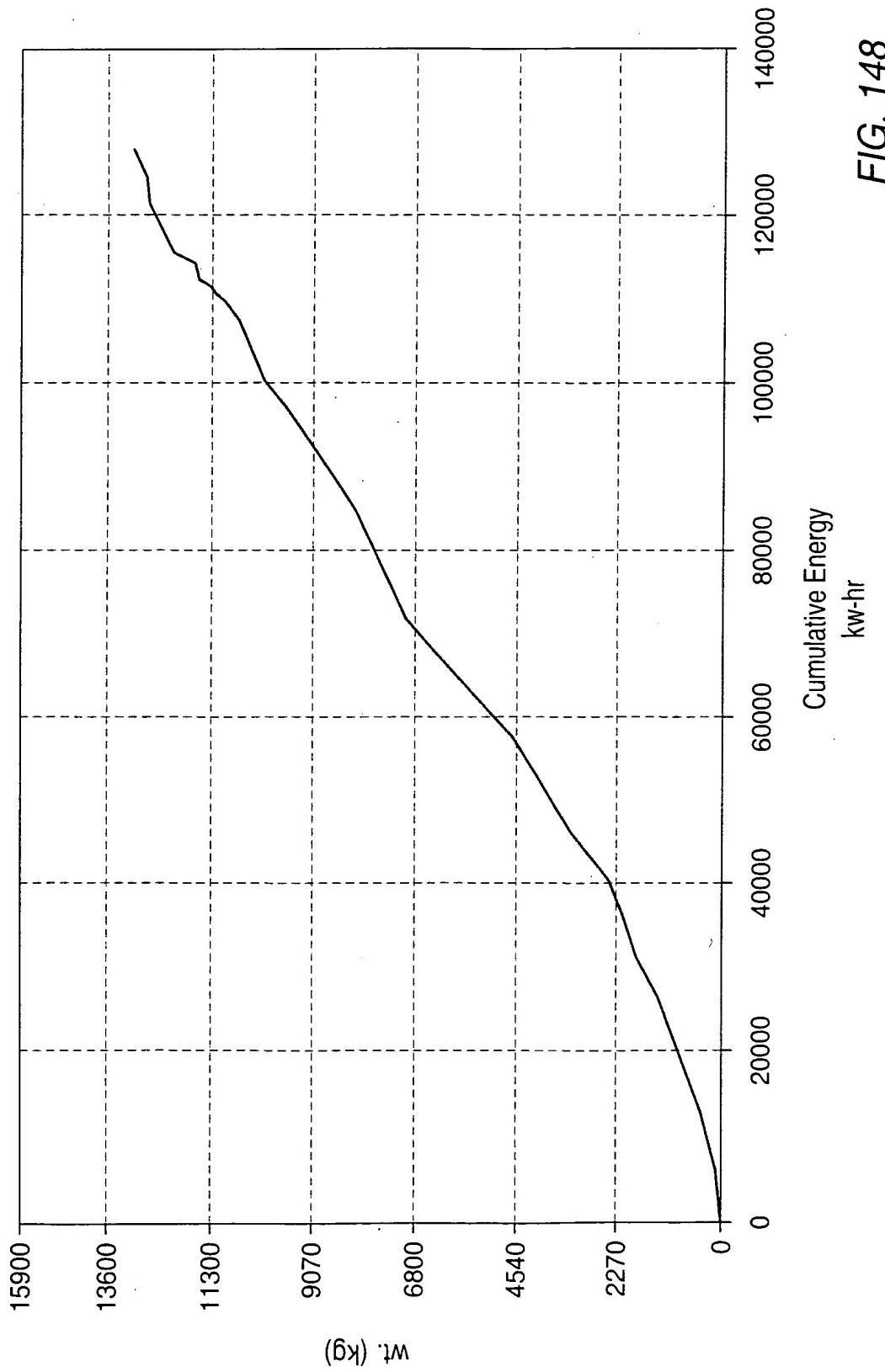


FIG. 148

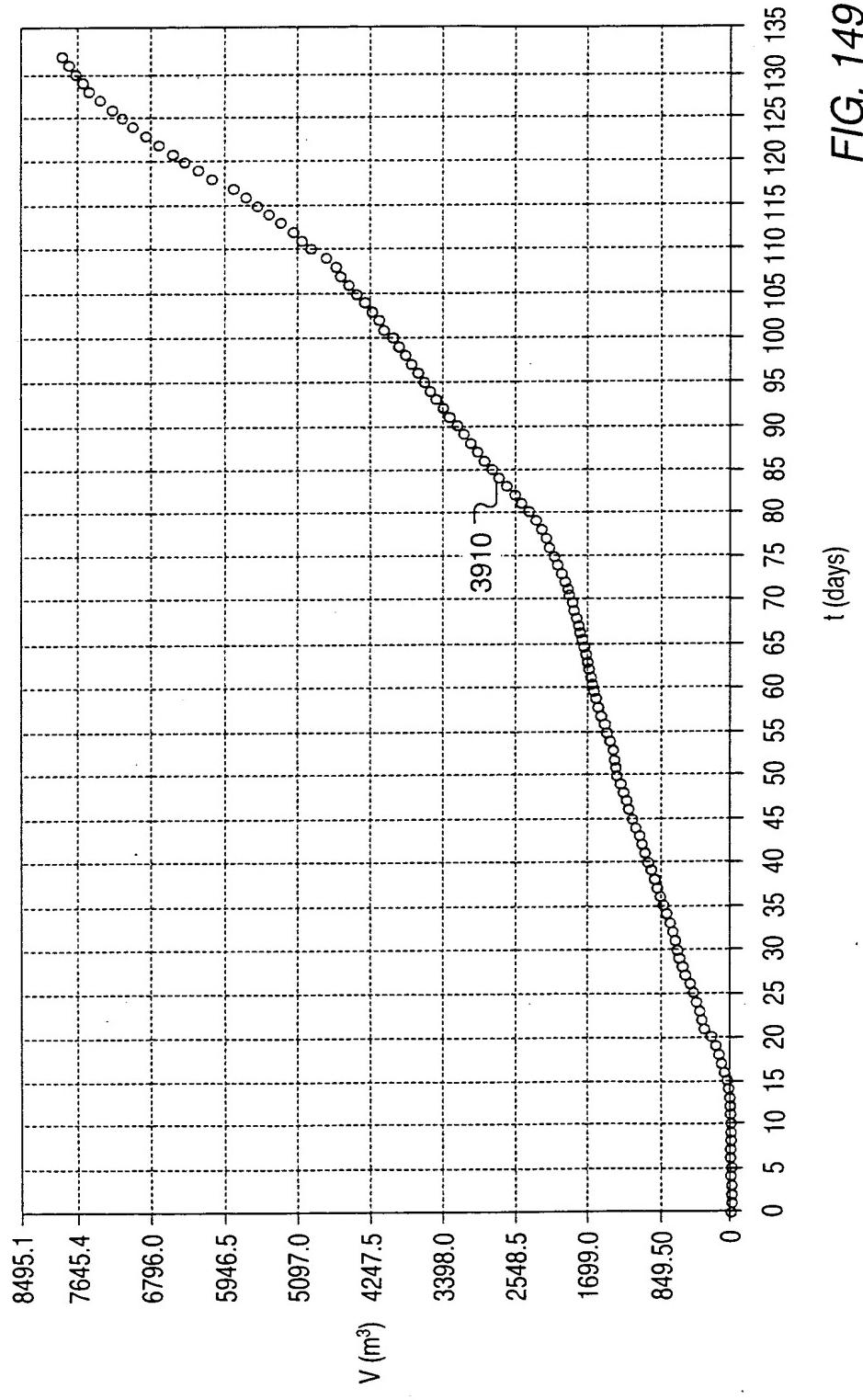


FIG. 149

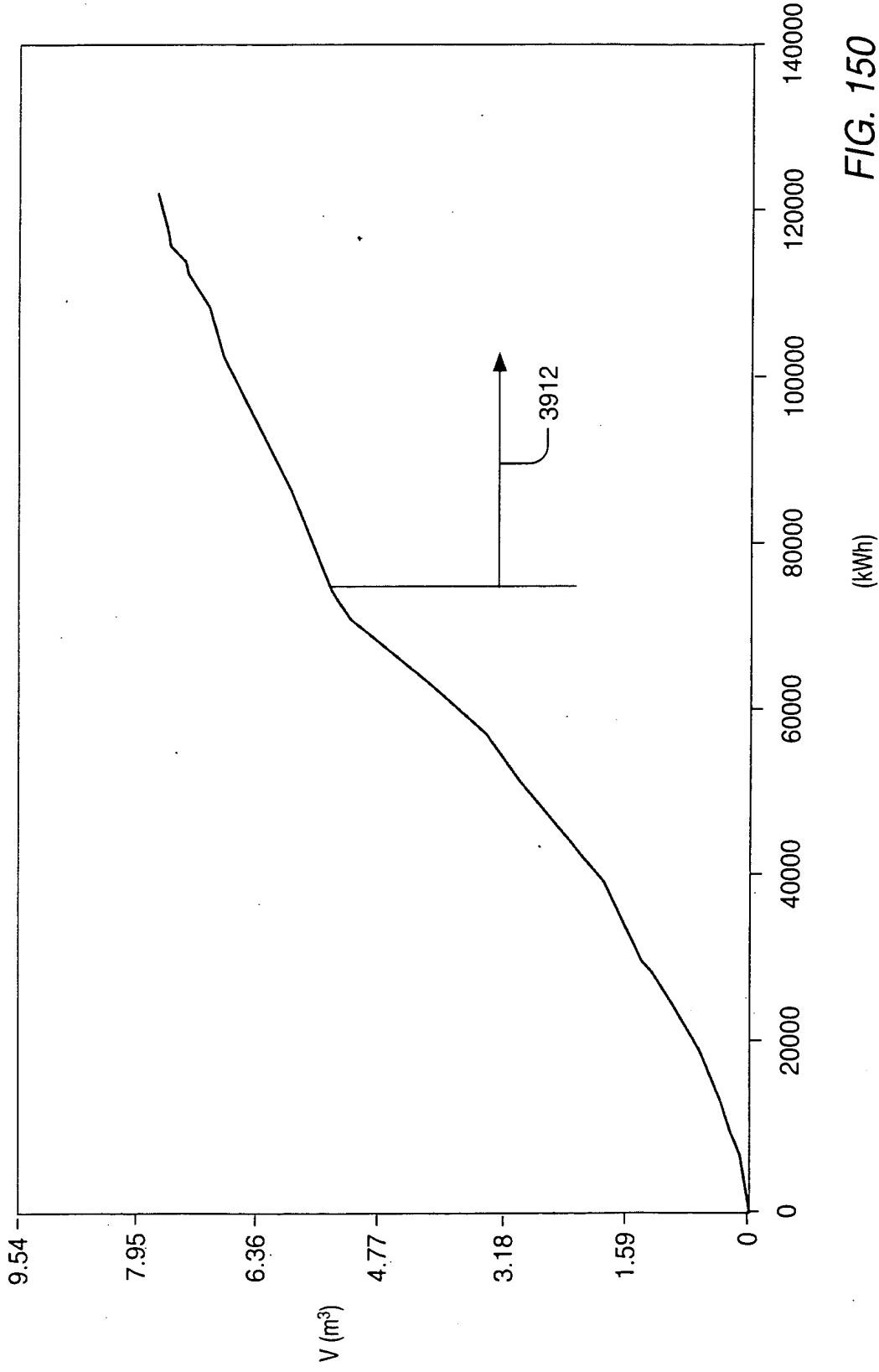


FIG. 150

Figure 151 shows a graph of flow rate versus pressure drop.

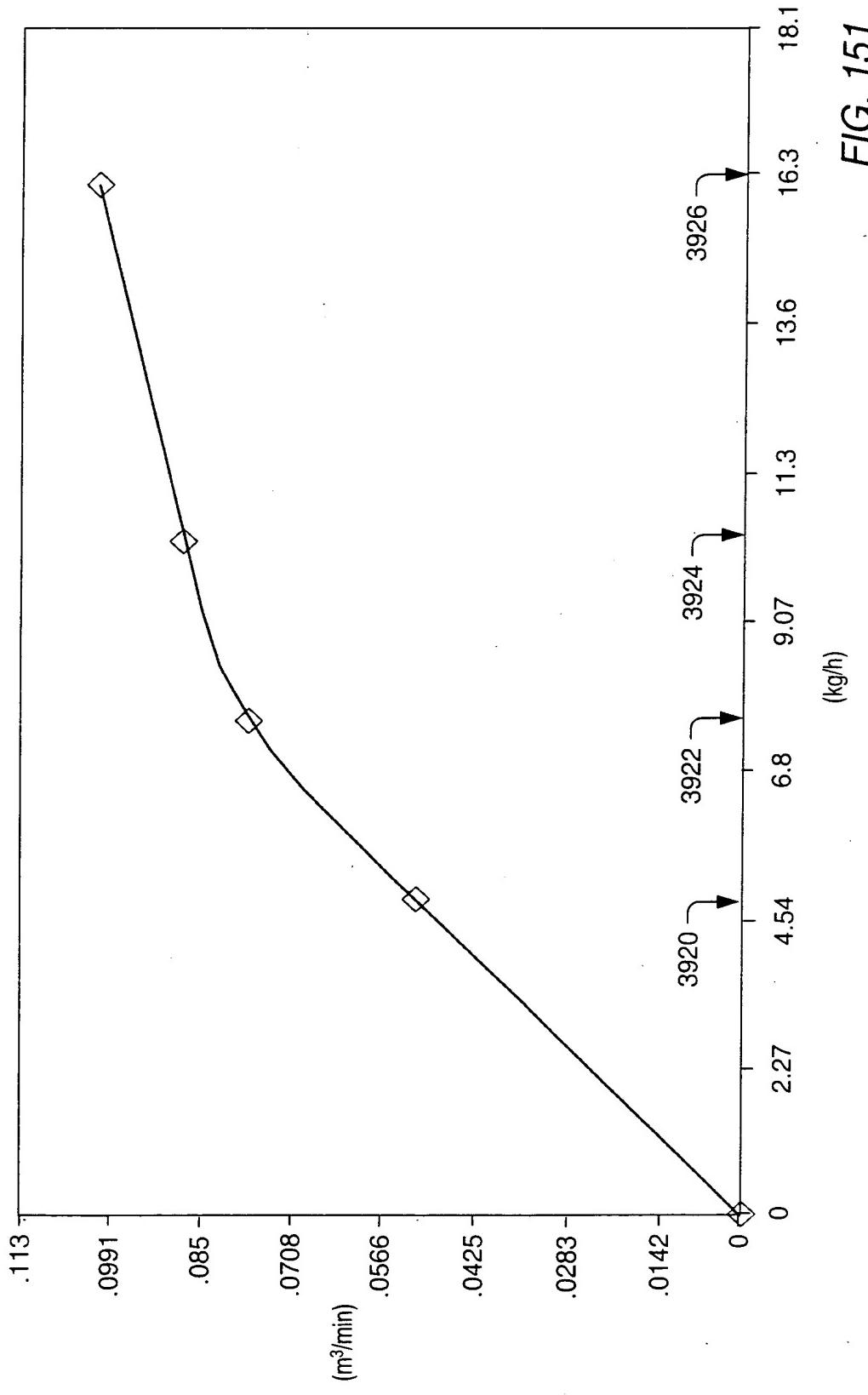


FIG. 151

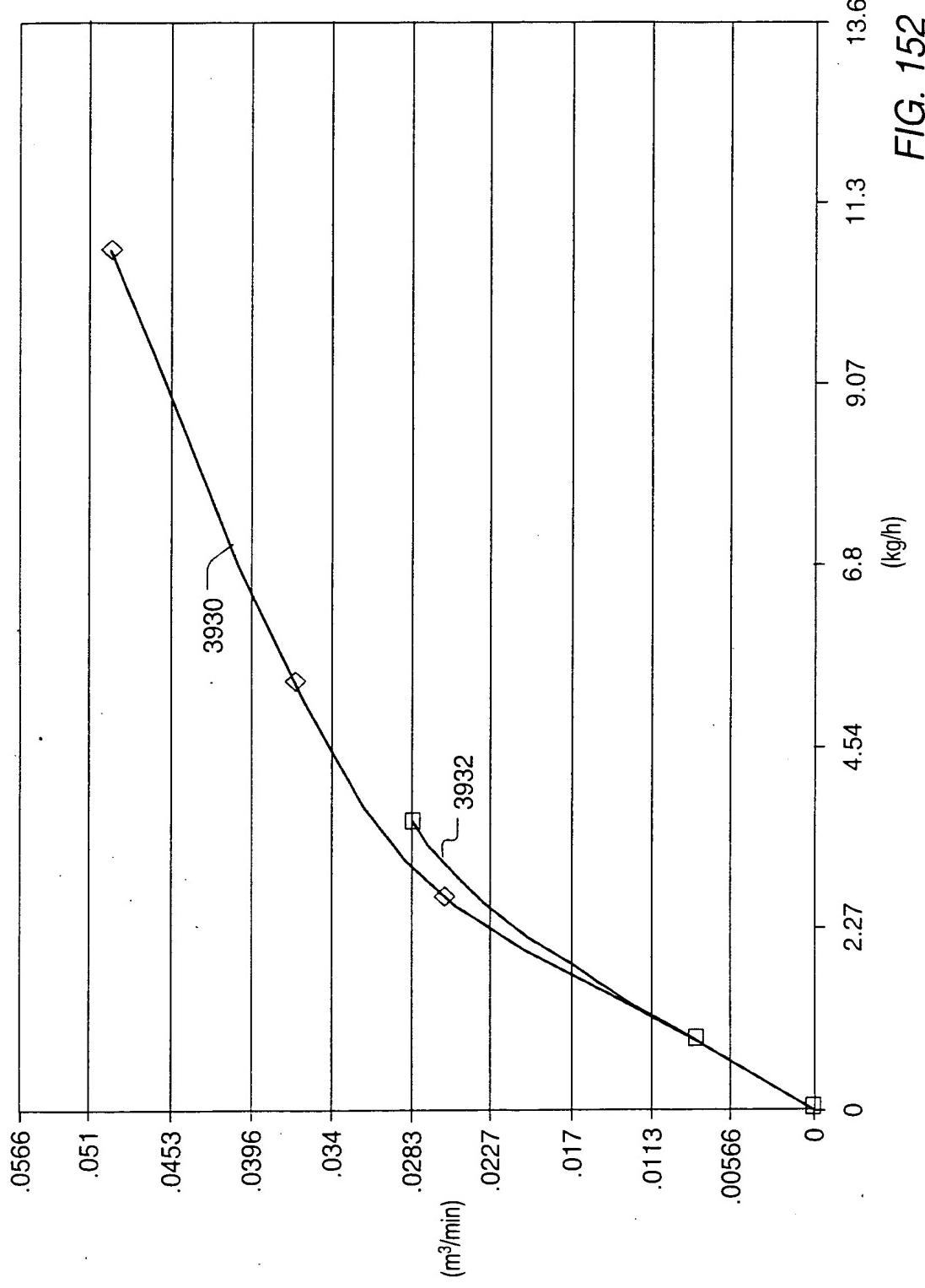


FIG. 152

FIG. 153

Methane Injection Rate ( $m^3/hr$ )

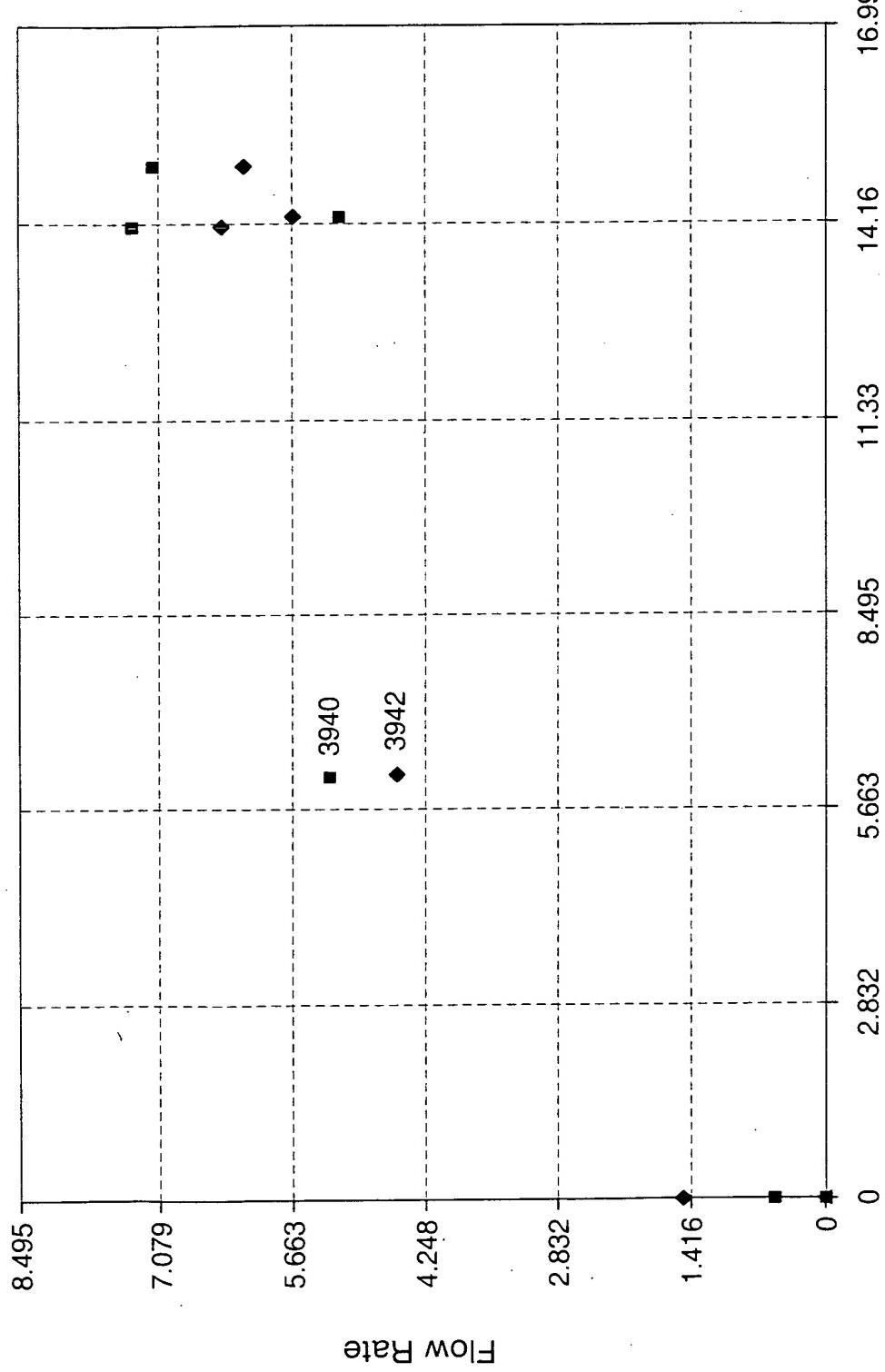




FIG. 154

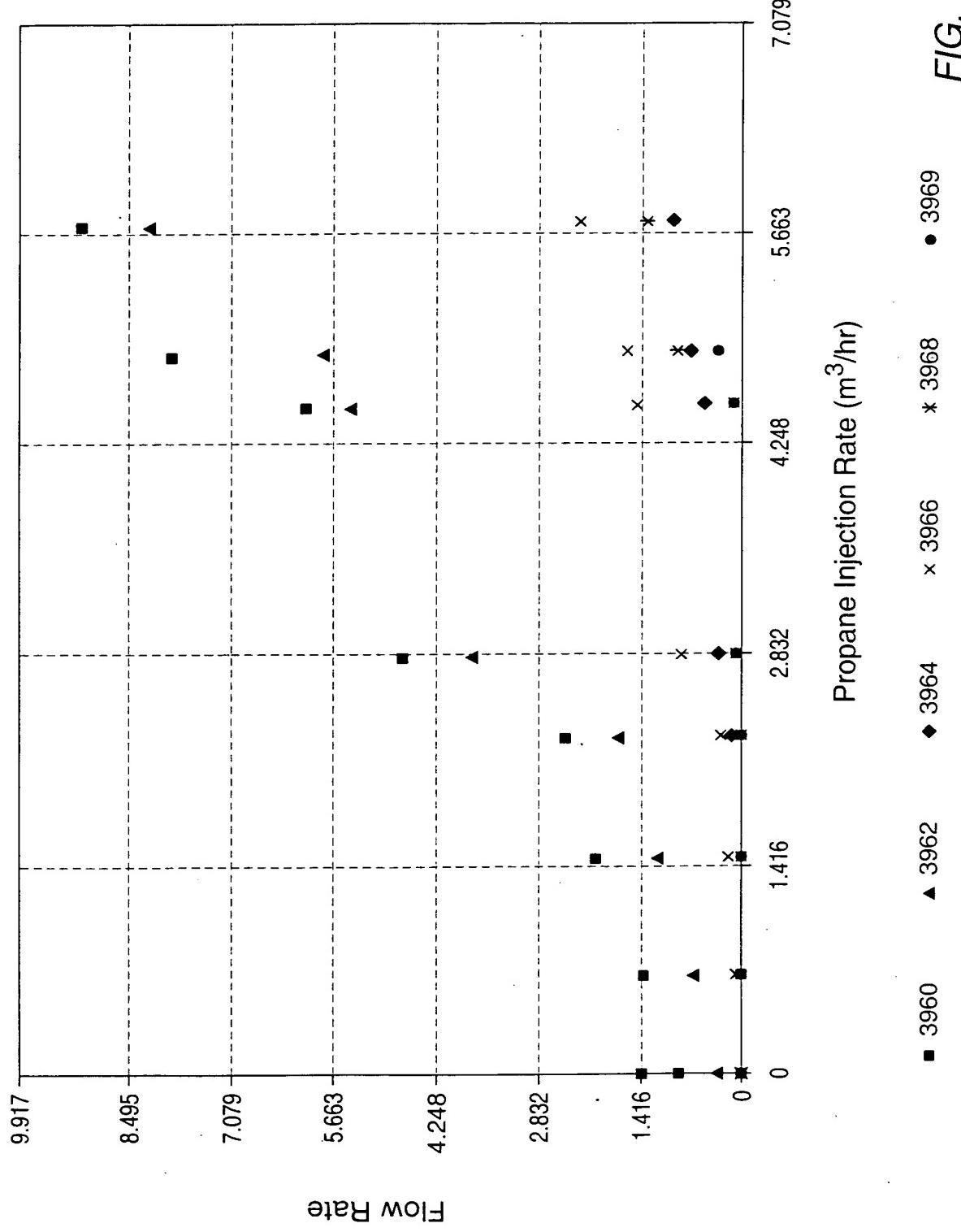


FIG. 155

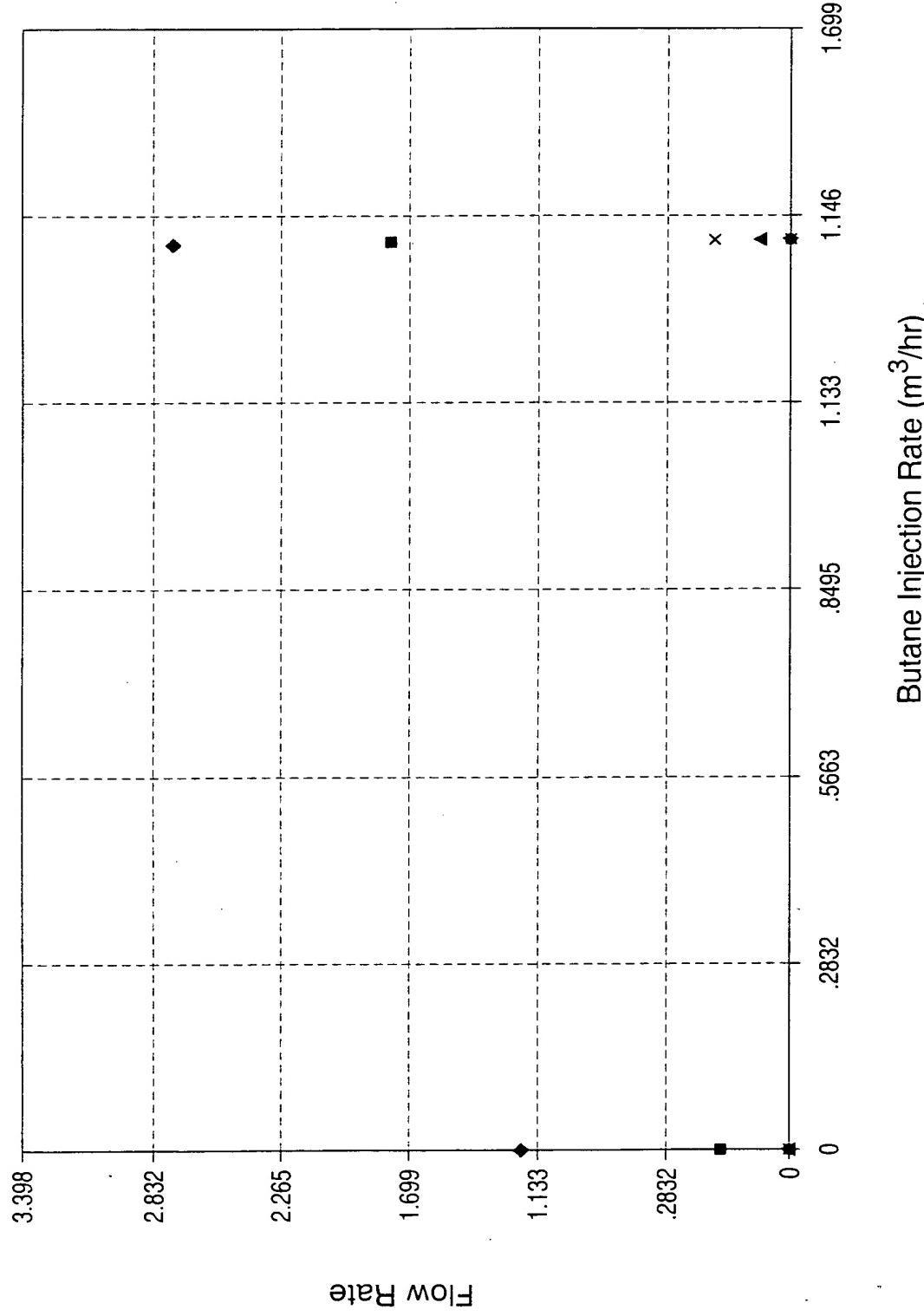


FIG. 156  
Butane Injection Rate ( $m^3/hr$ )  
■ 3970    ▲ 3972    ◆ 3974    × 3976    \* 3978    ● 3979

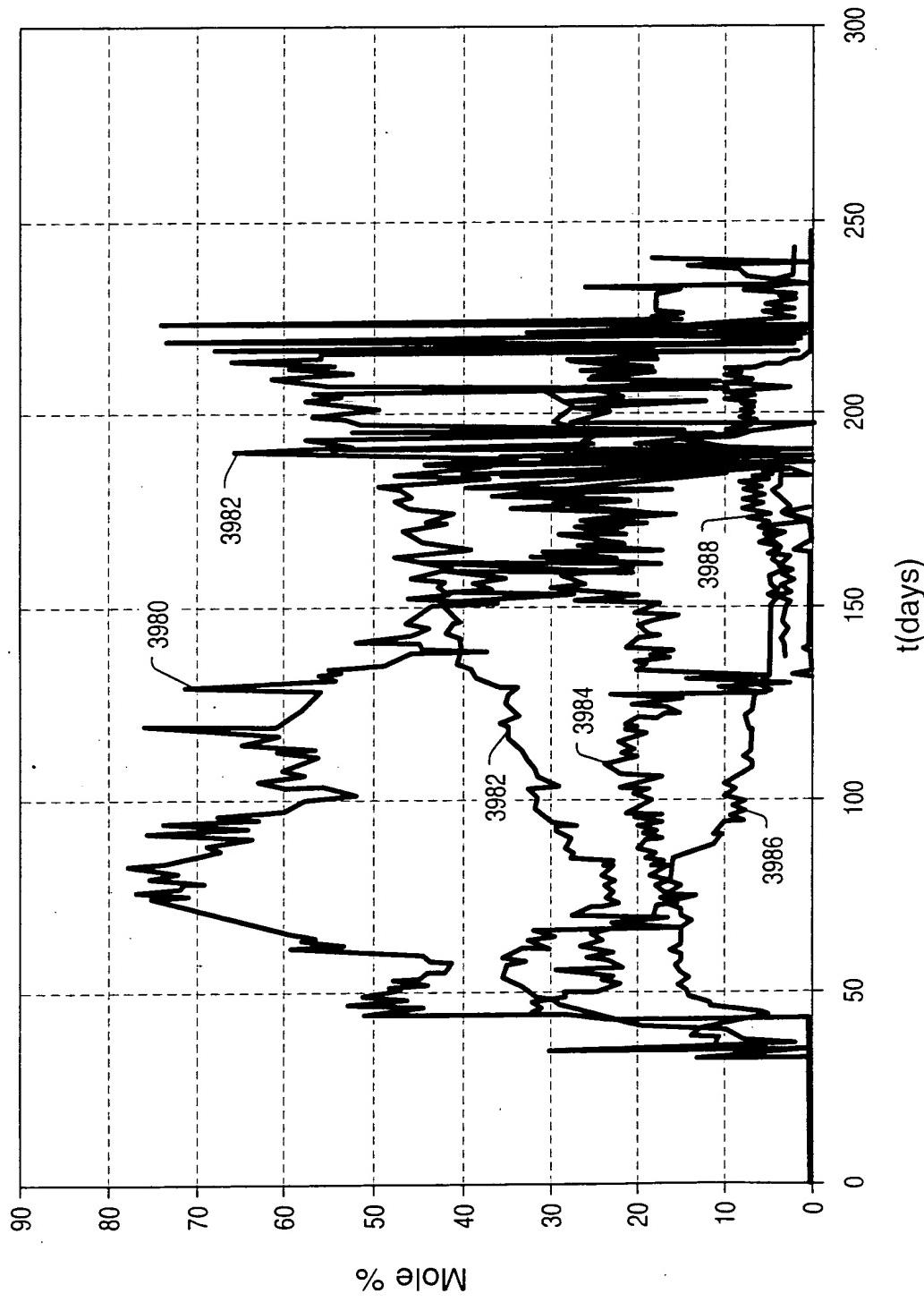


FIG. 157

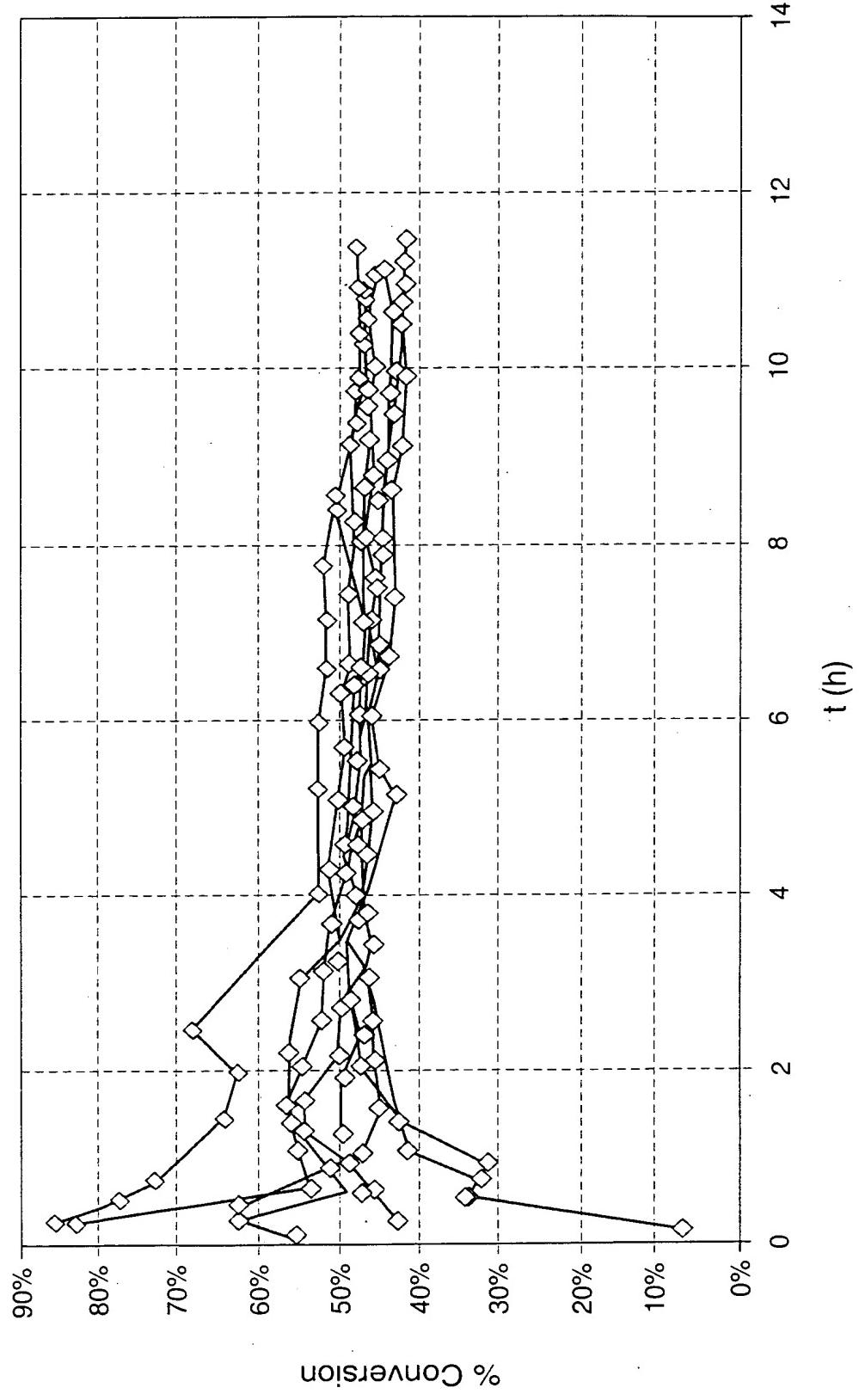
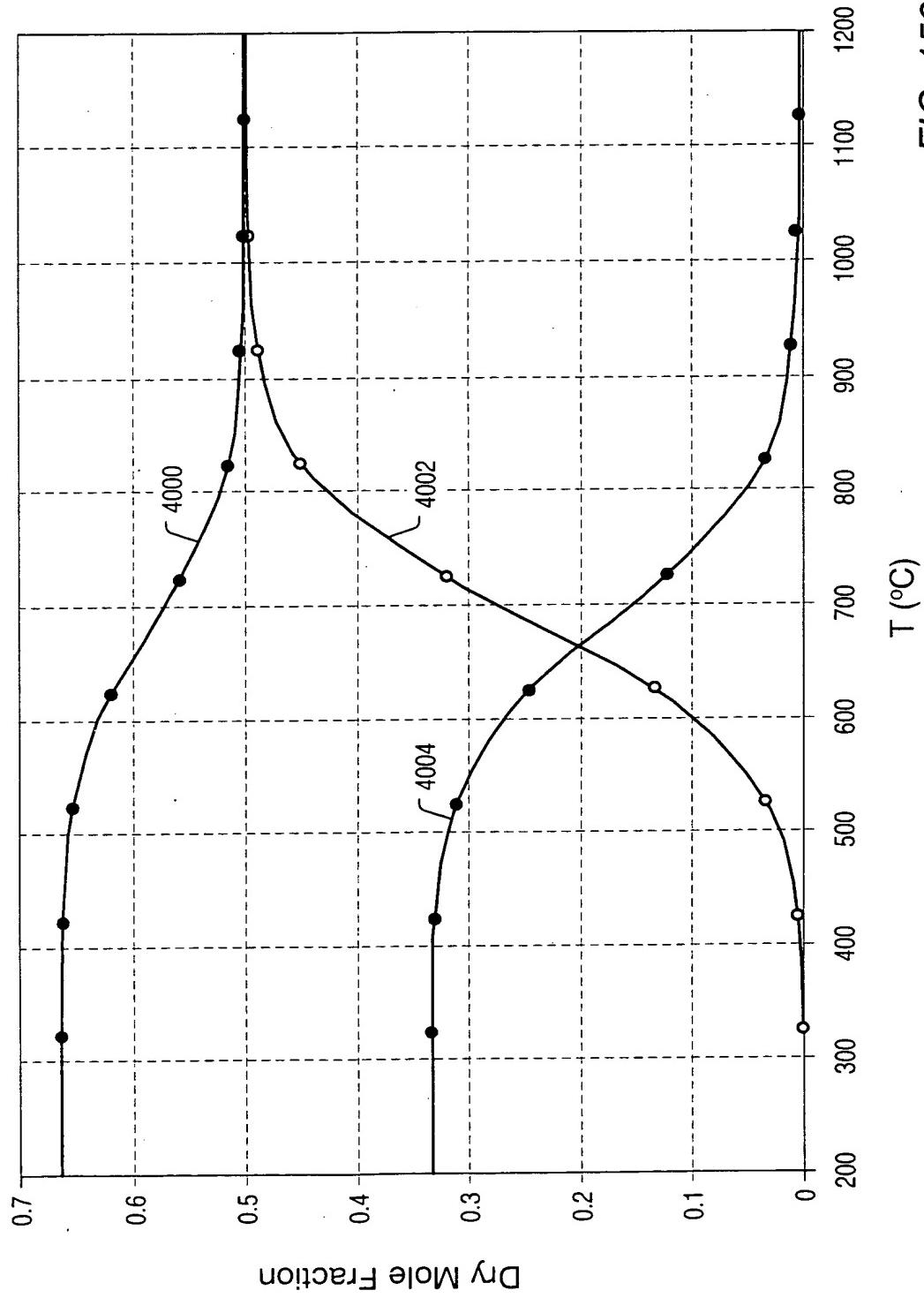


FIG. 158

FIG. 159



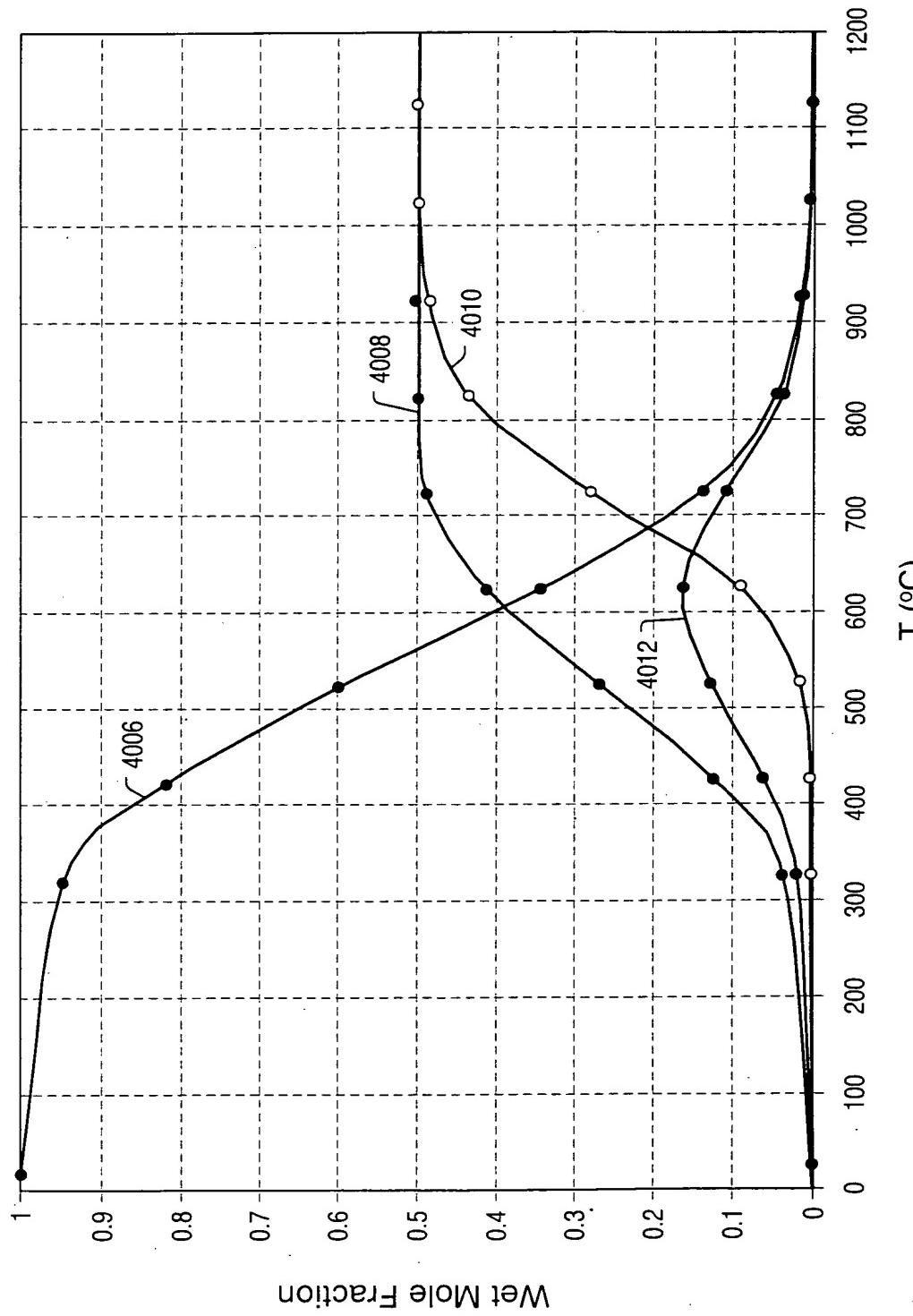
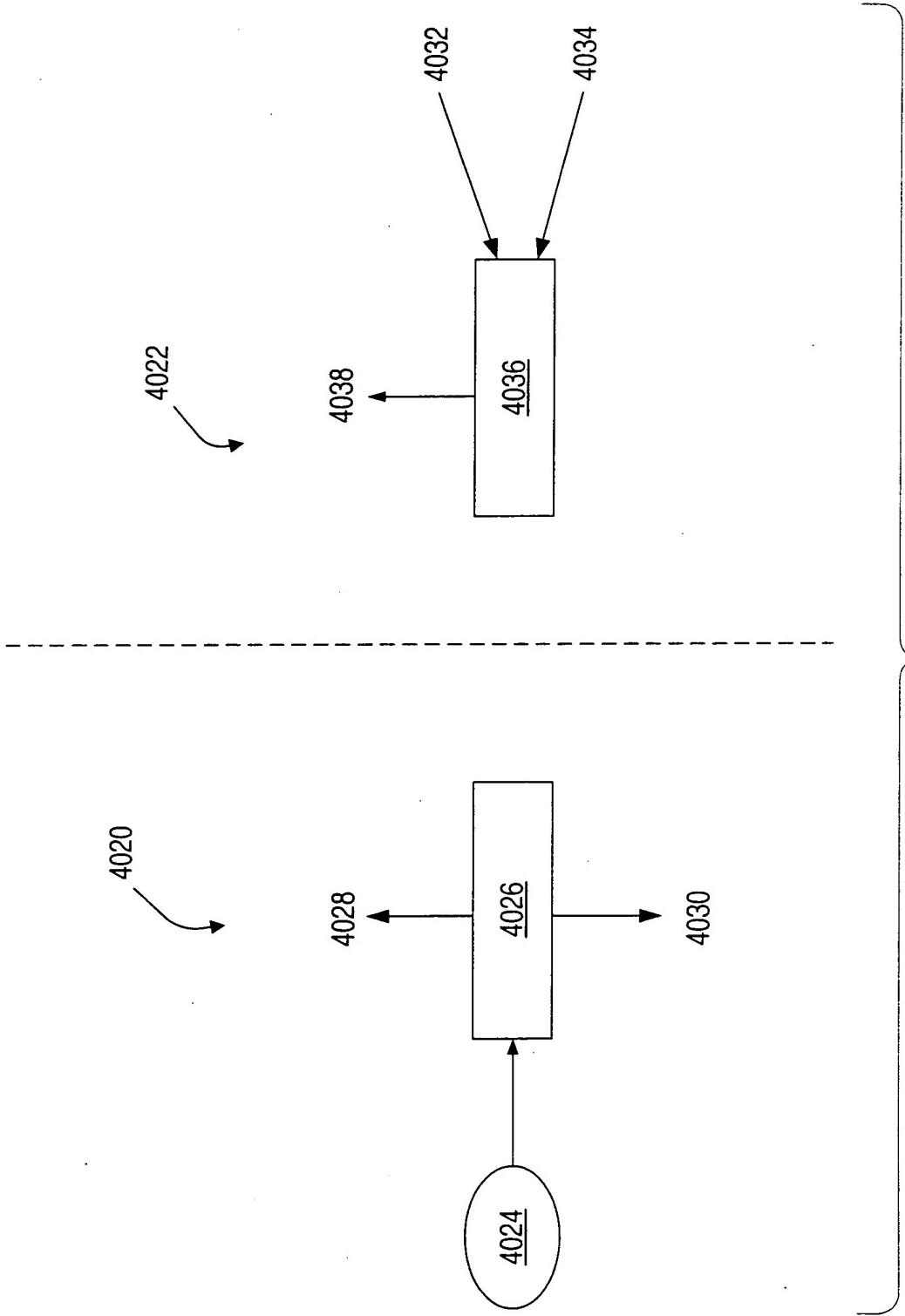


FIG. 160

FIG. 161



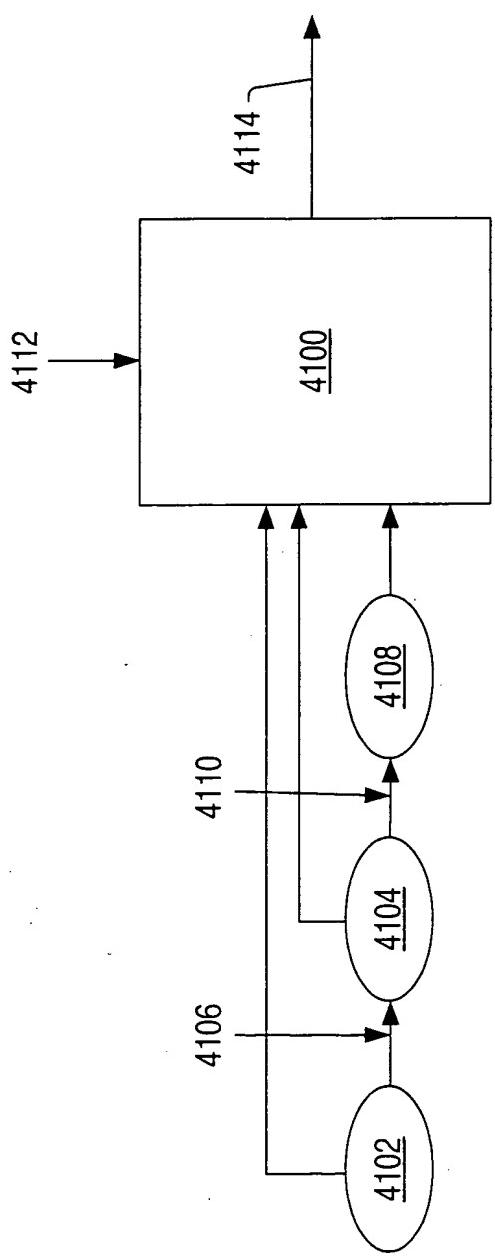


FIG. 162

4212 4214  
4206 4208  
4204 4202

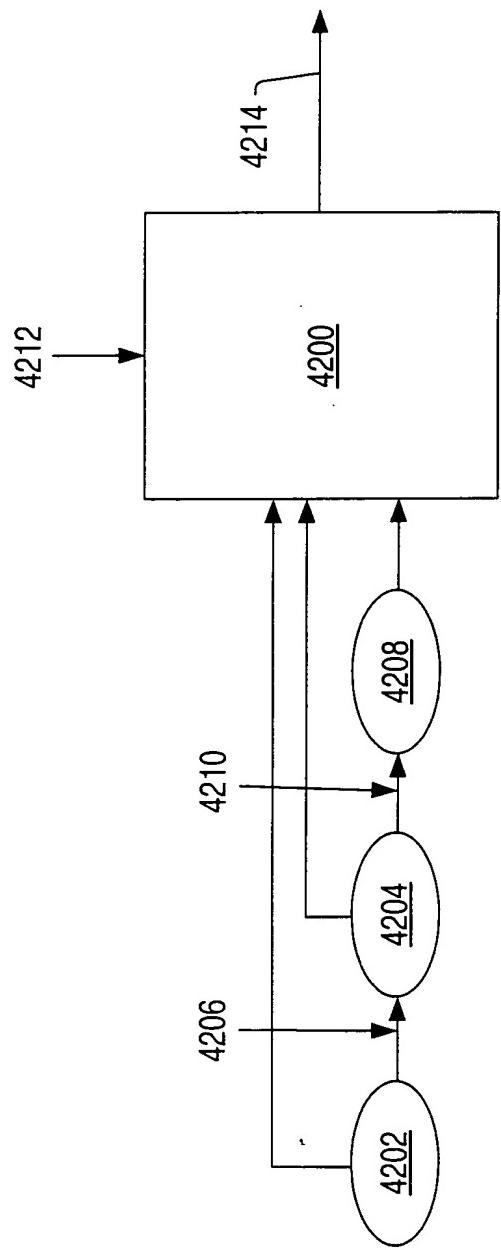


FIG. 163

4308  
4314  
4306  
4310  
4300  
4302  
4312

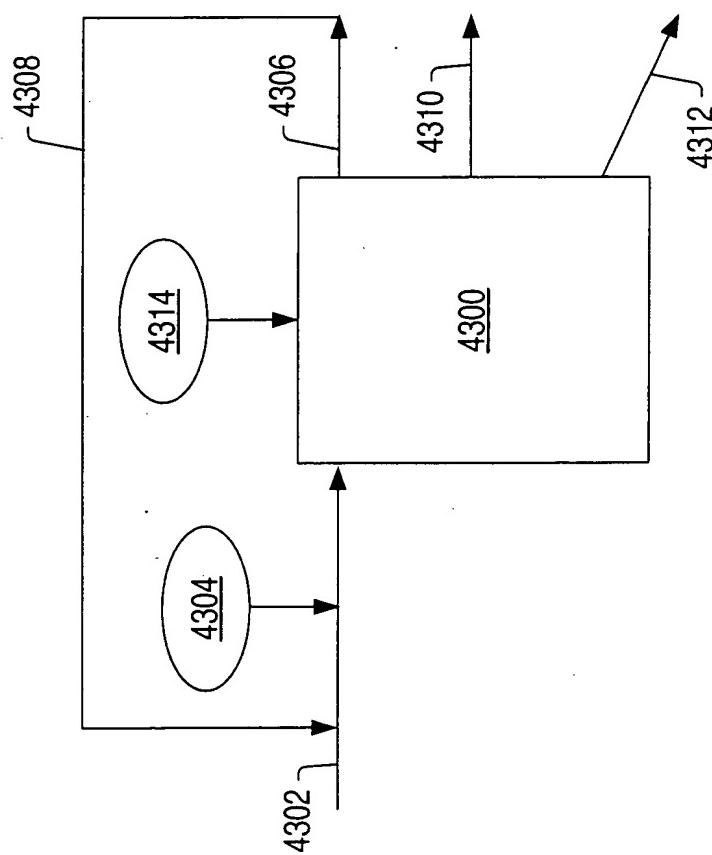


FIG. 164

FIG. 165

Cumulative Sorbed ( $\text{m}^3/\text{metric ton}$ )

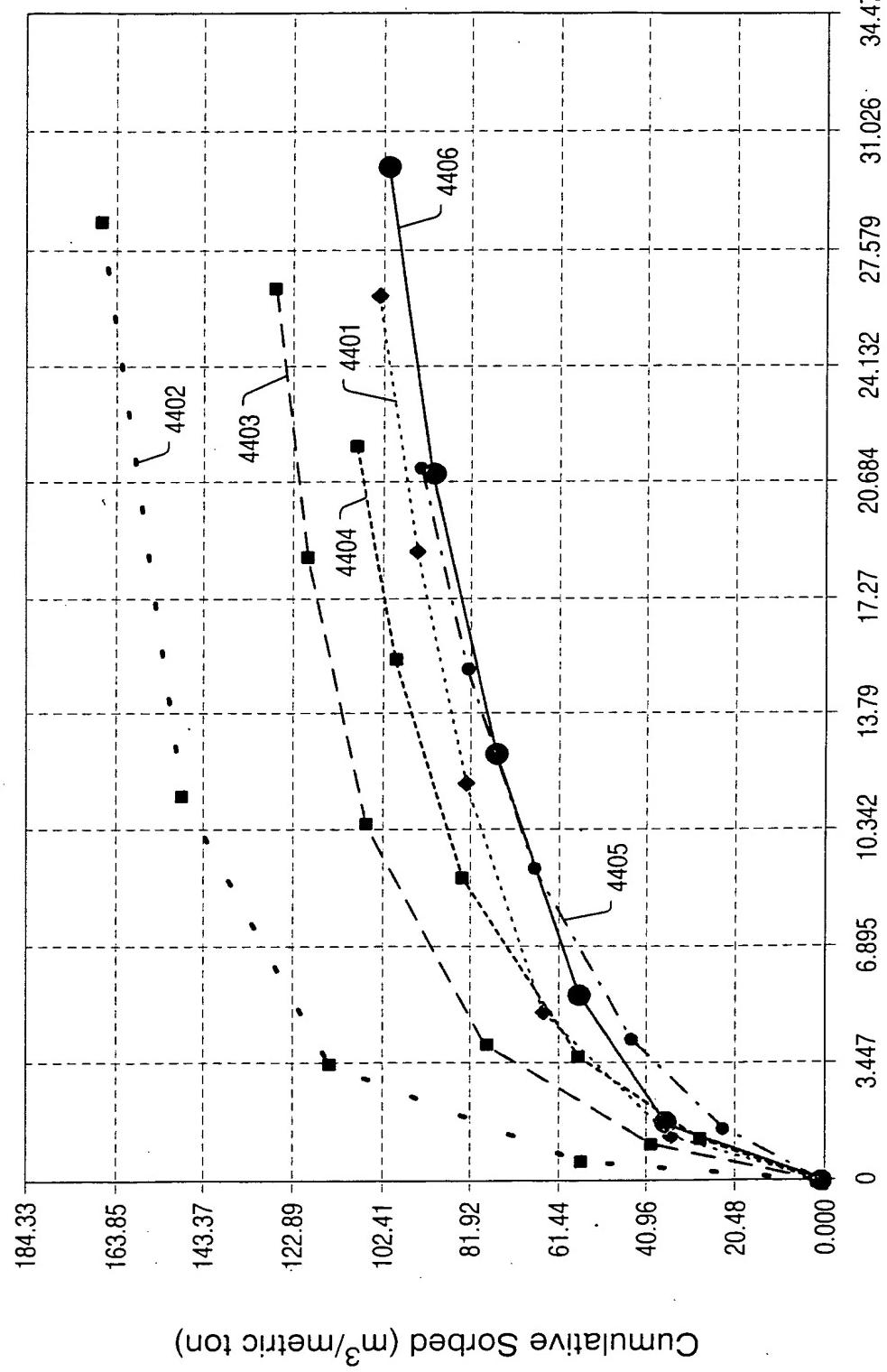


FIG. 166

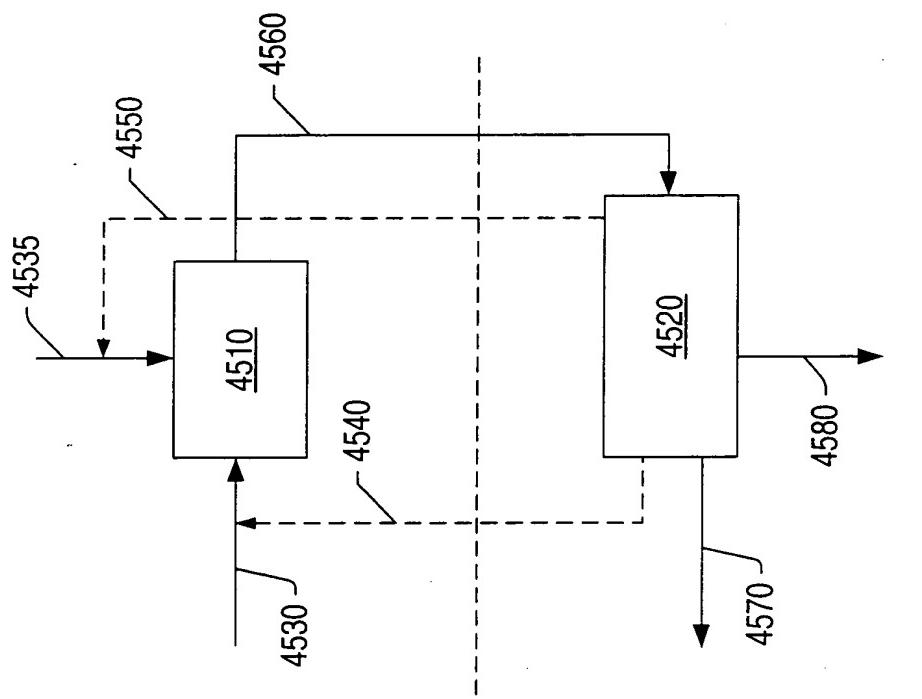


FIG. 166

FIG. 167

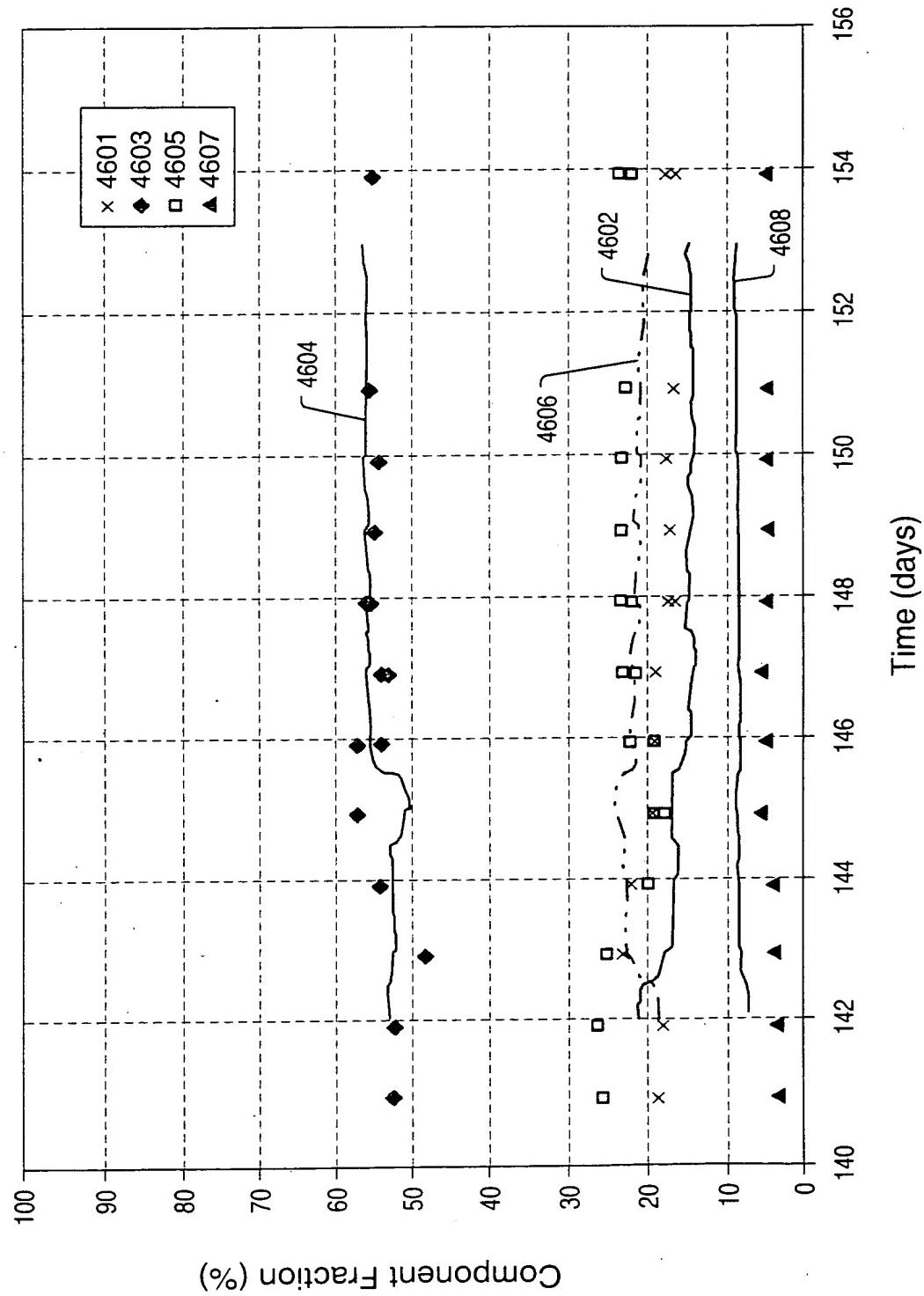
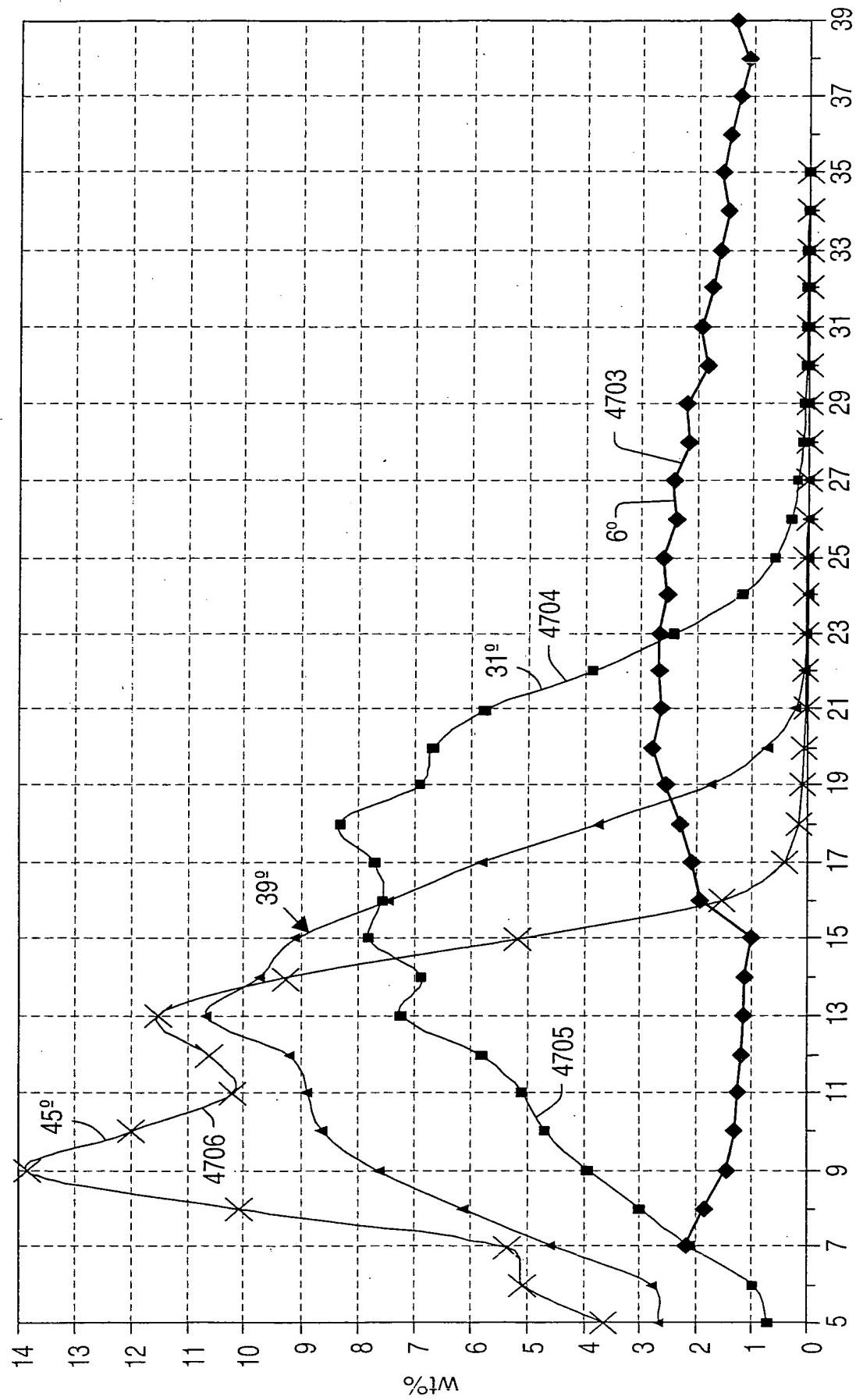


FIG. 168

Carbon Number



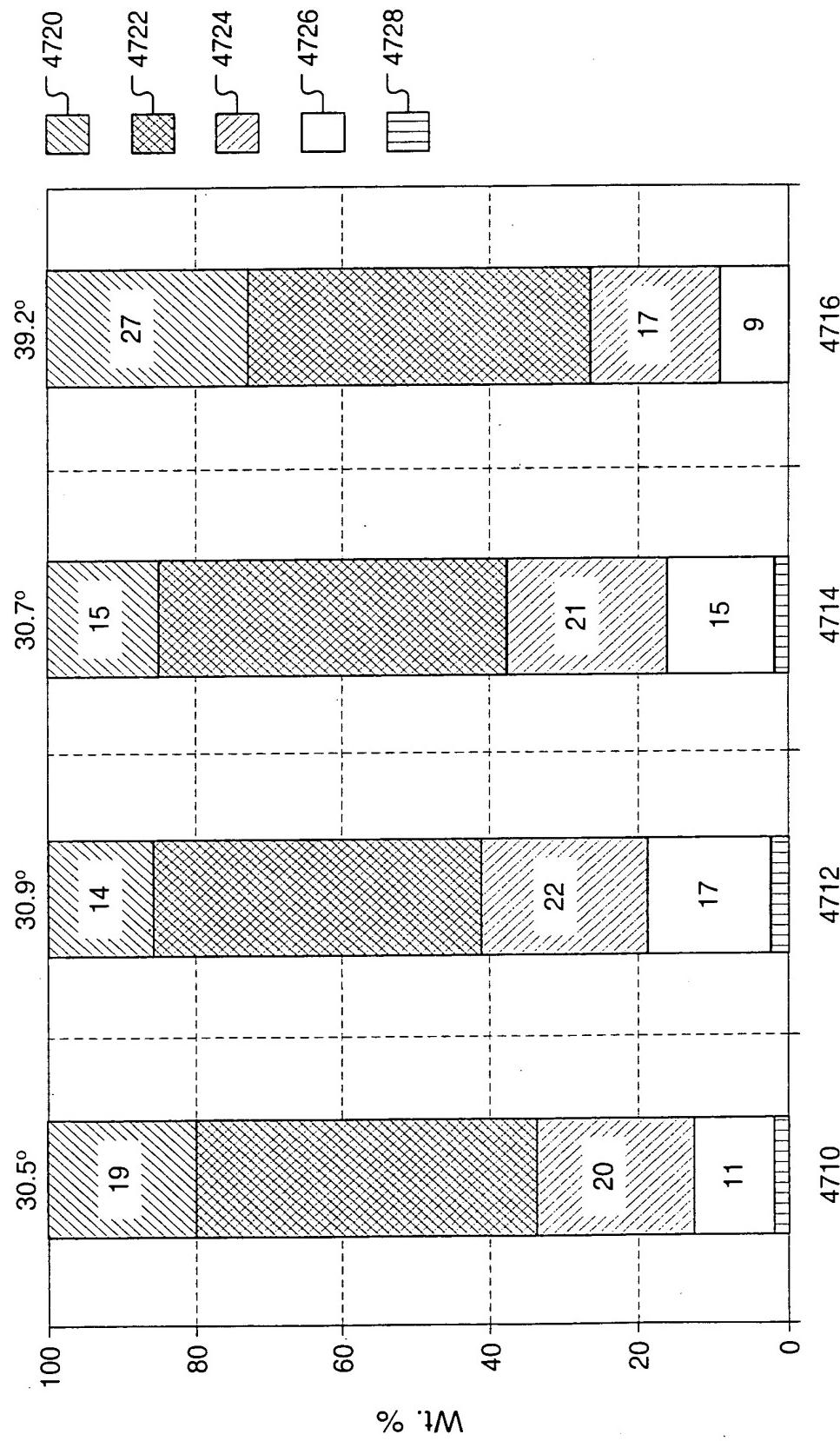


FIG. 169

FIG. 170

time (days)

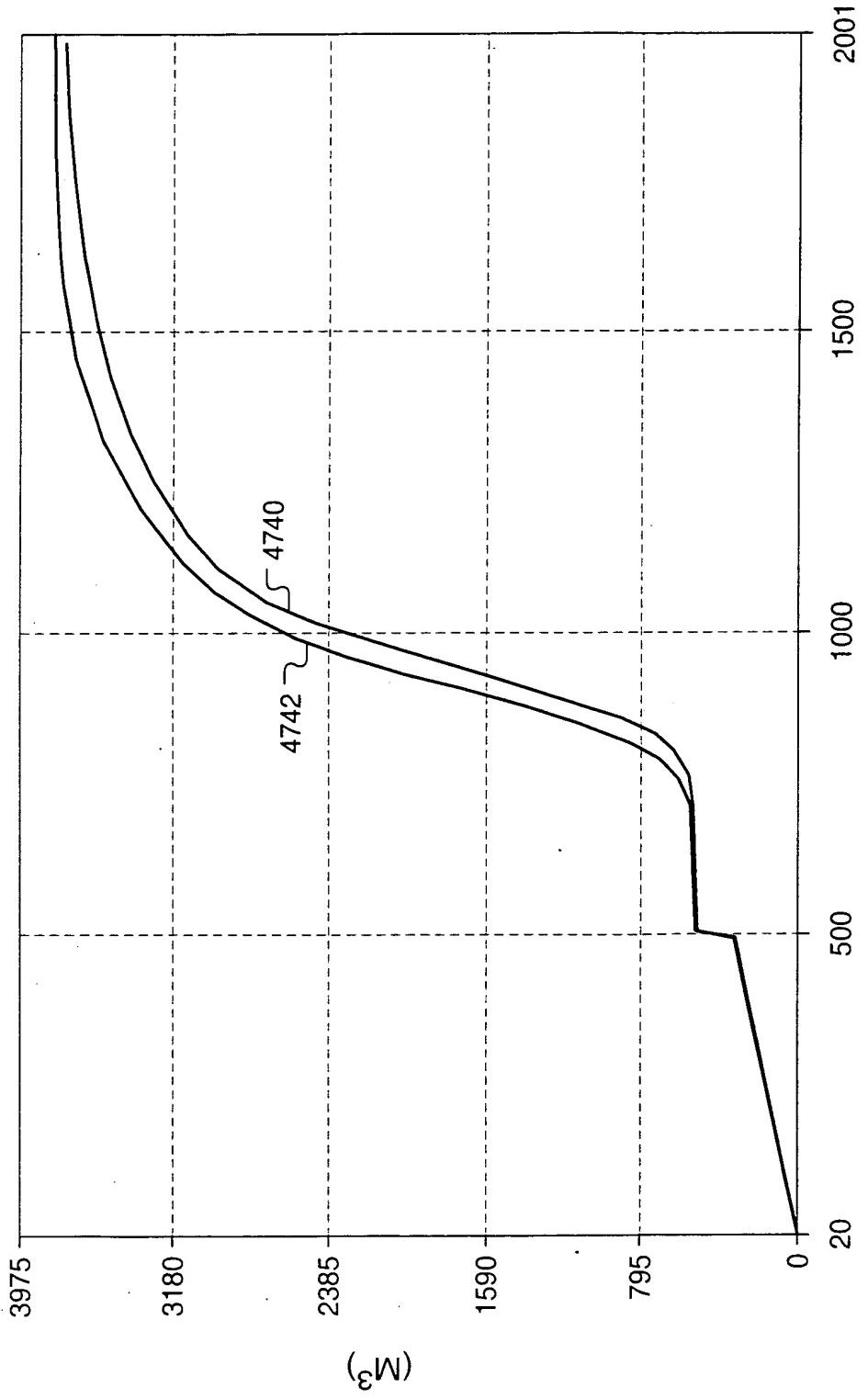


FIG. 171

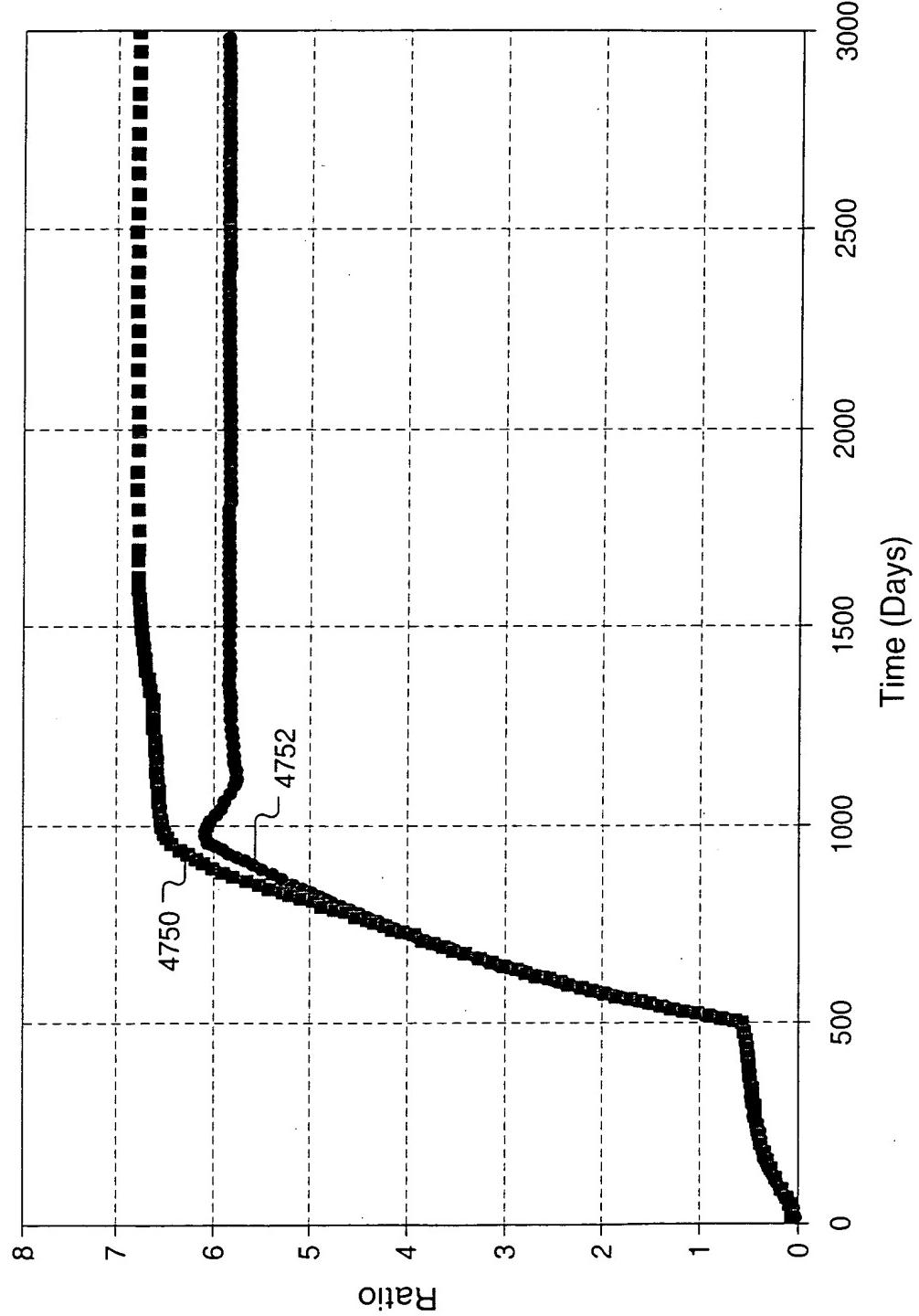


FIG. 172

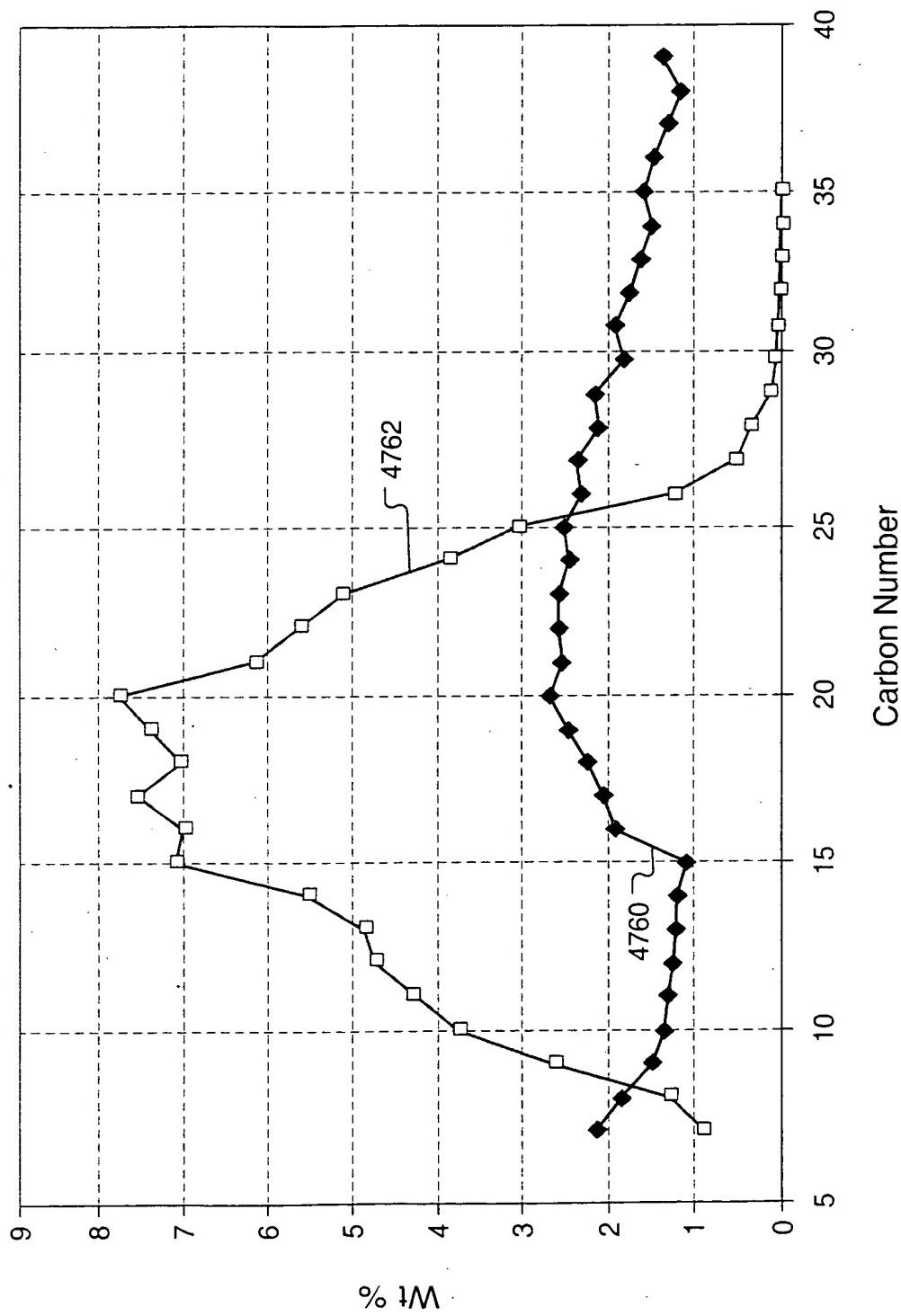


FIG. 173

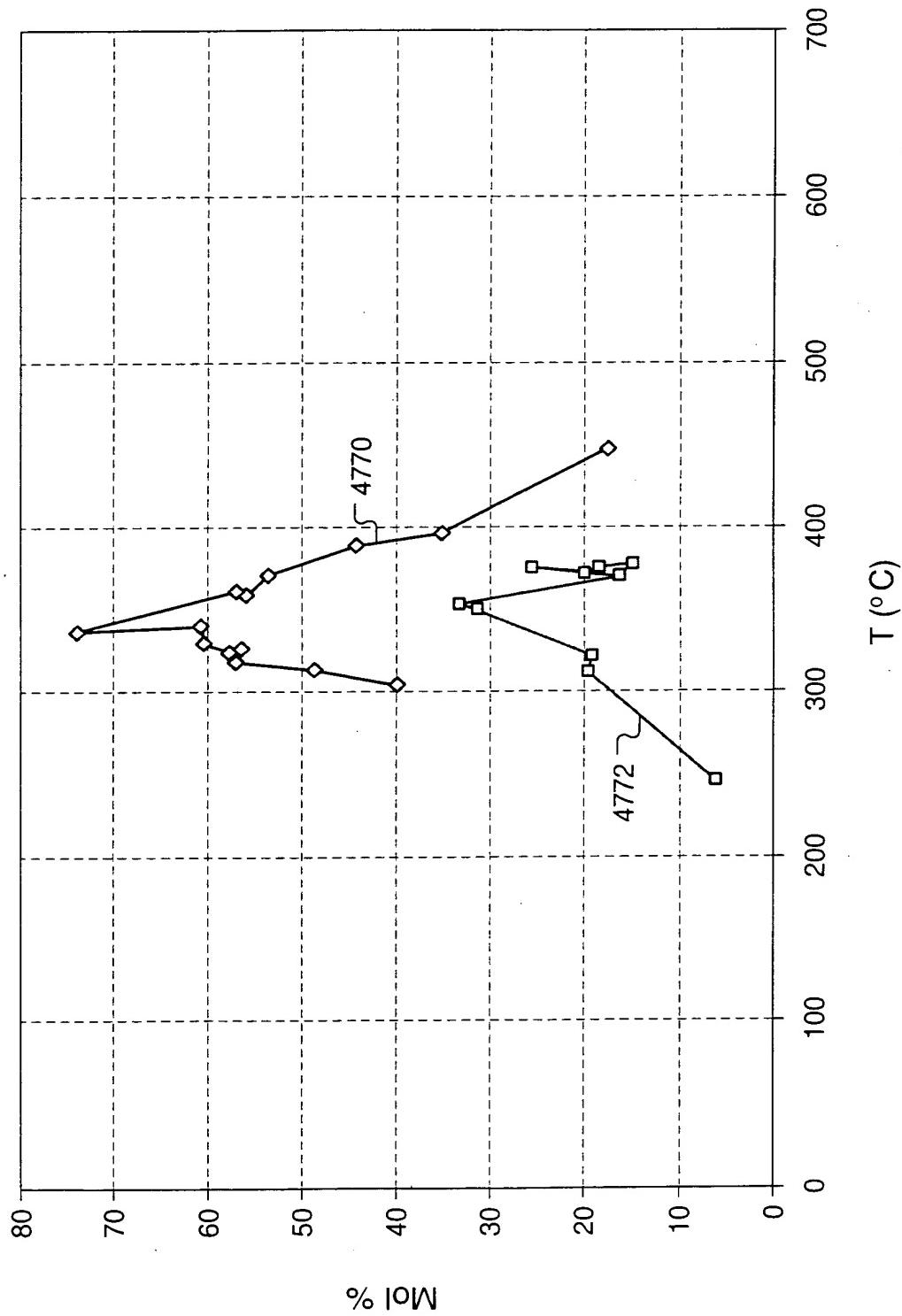


FIG. 174

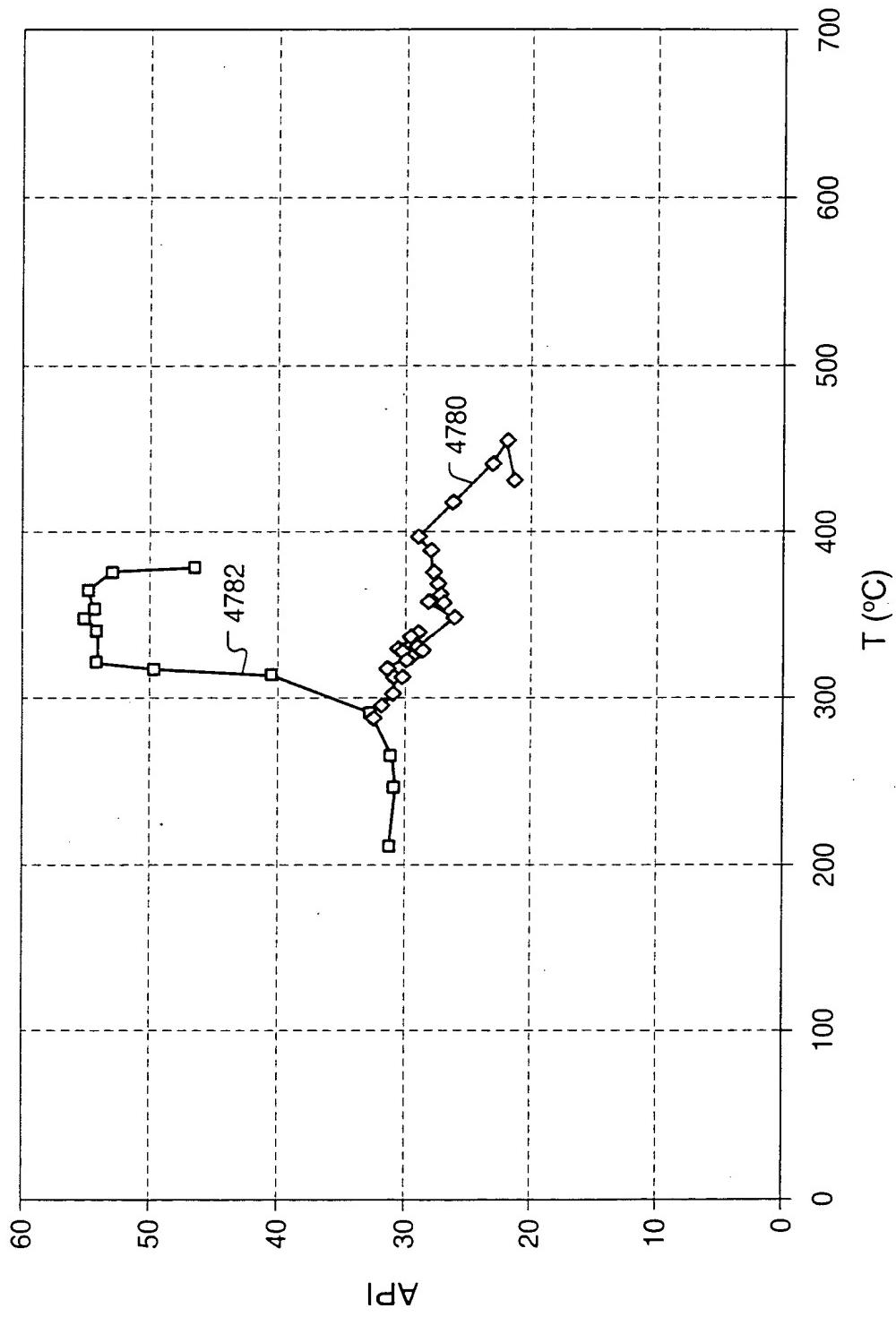


FIG. 175

Days From Start of Heat Injection

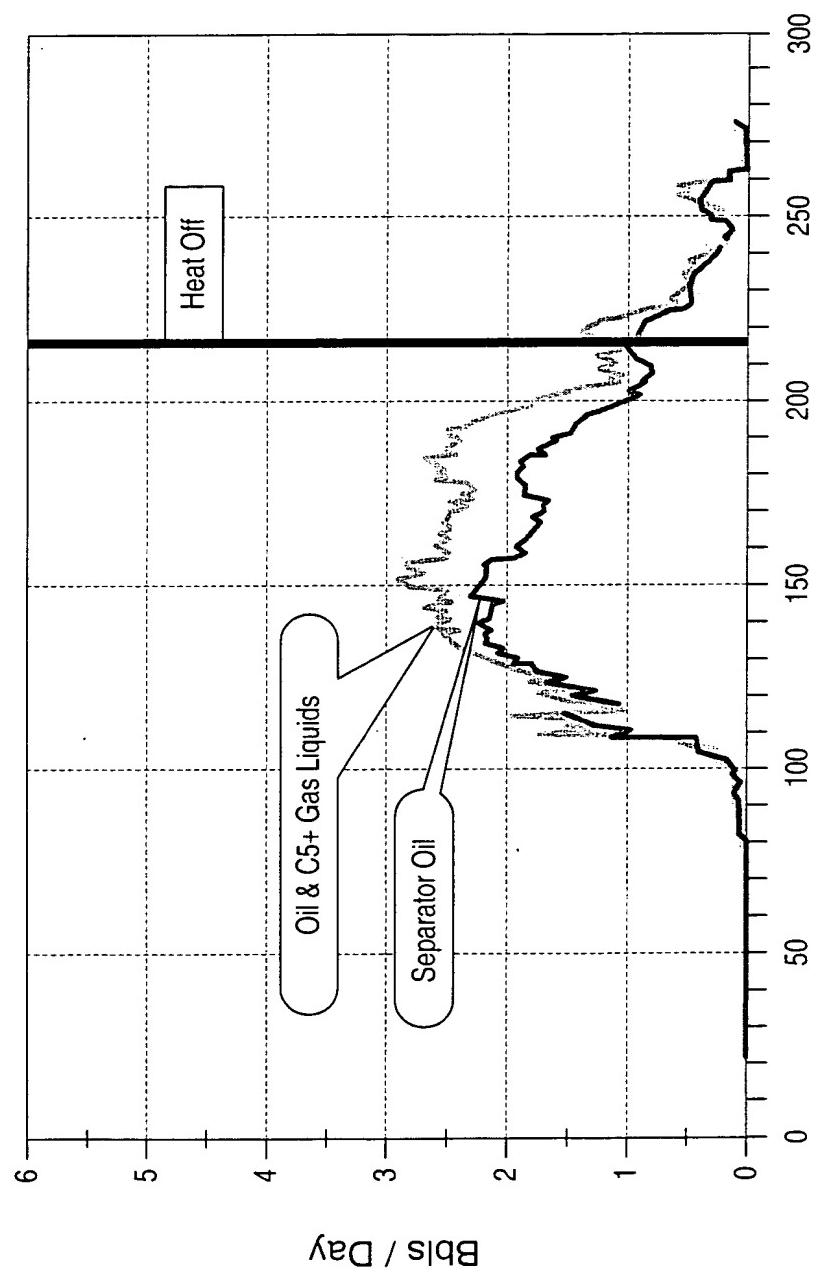
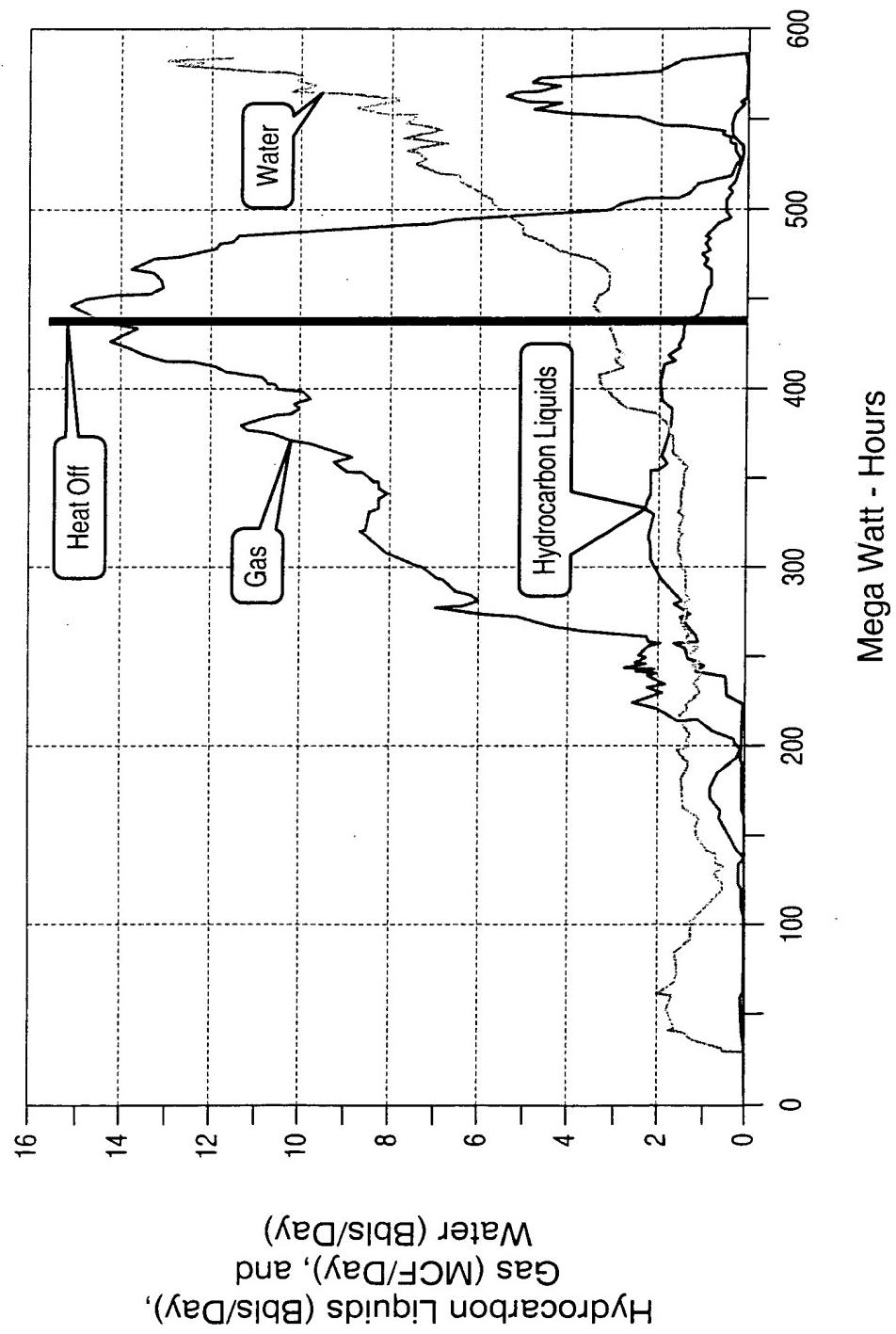


FIG. 176



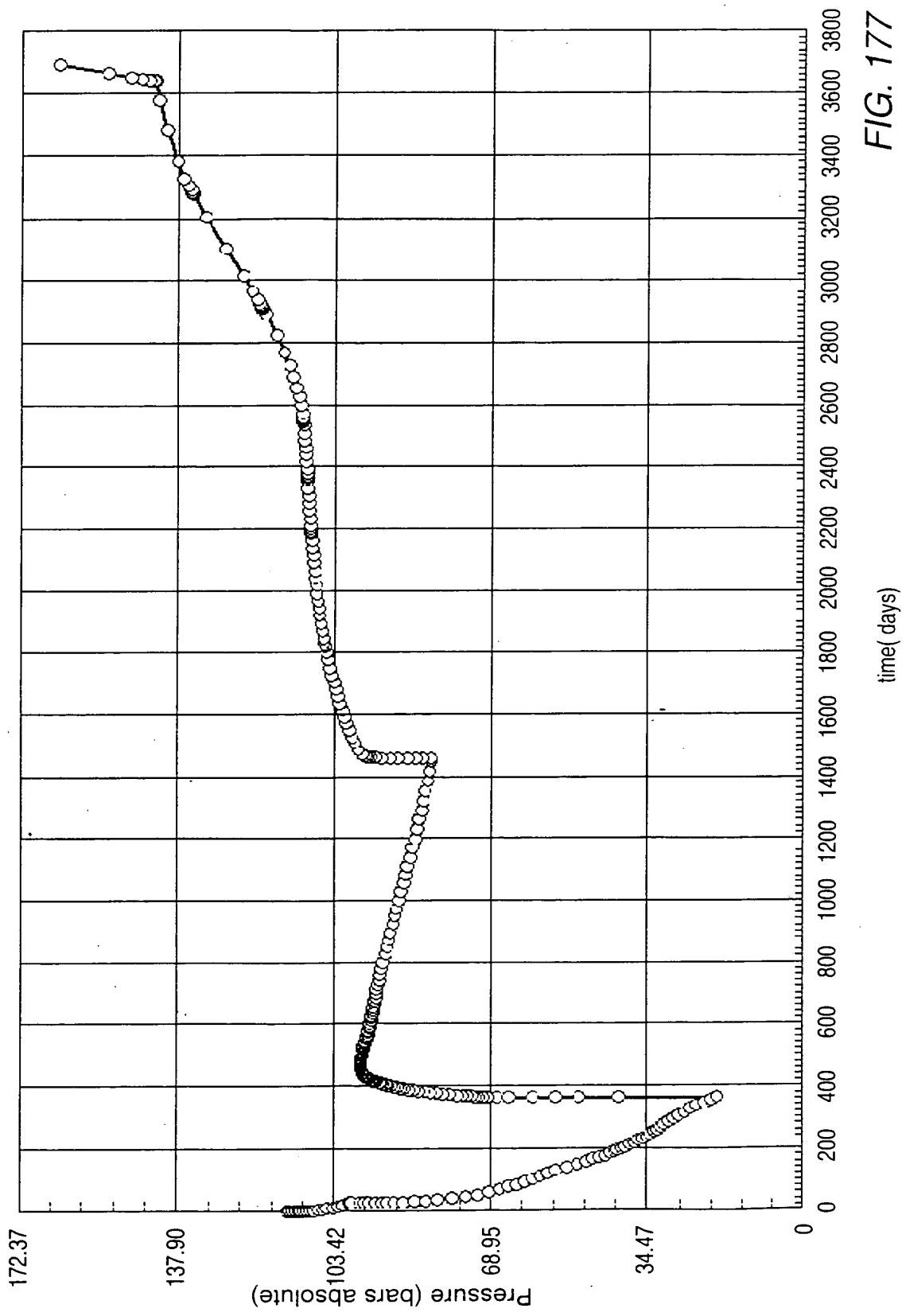


FIG. 177

time( days)

FIG. 178

time (days)

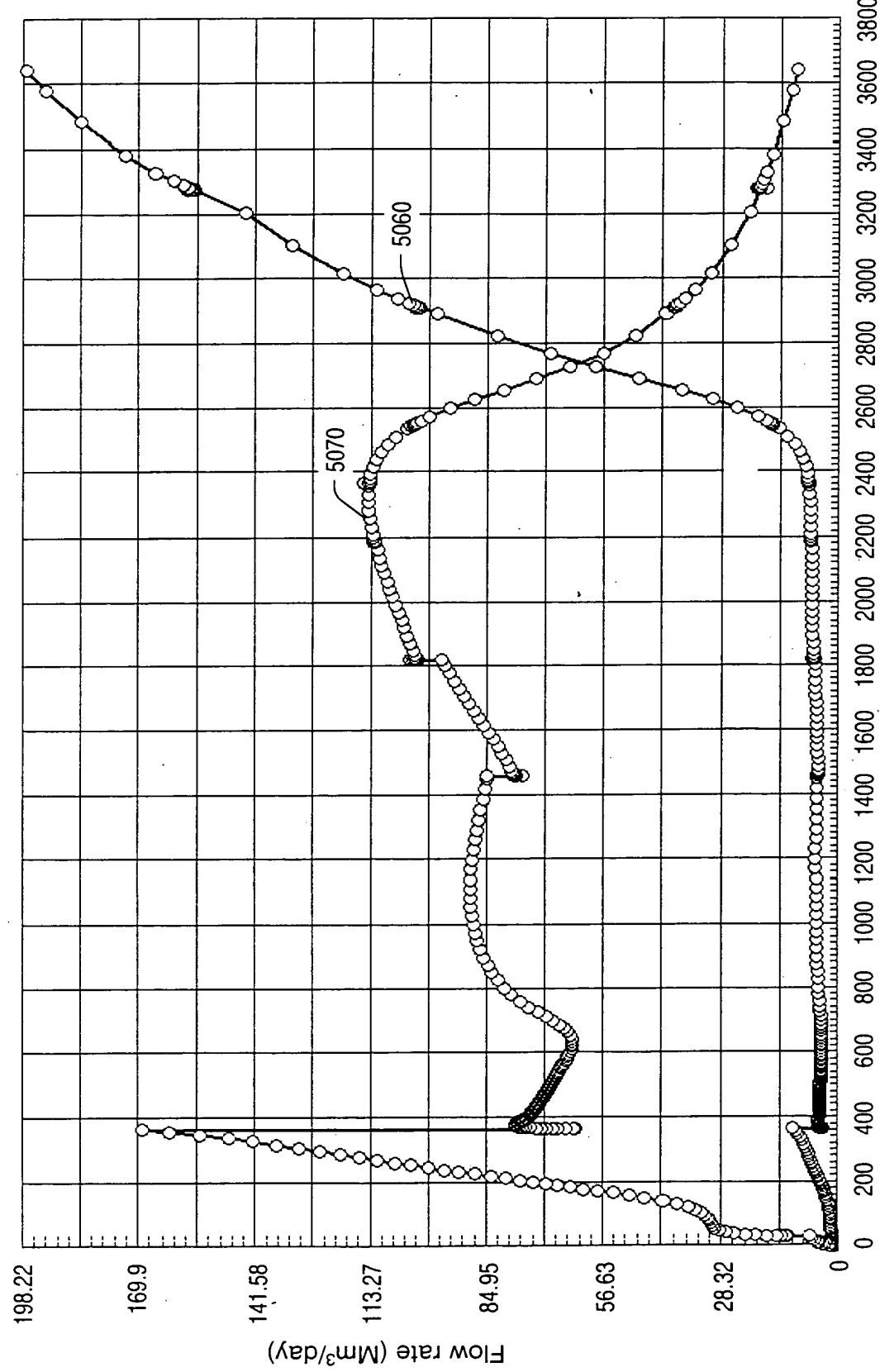


FIG. 179

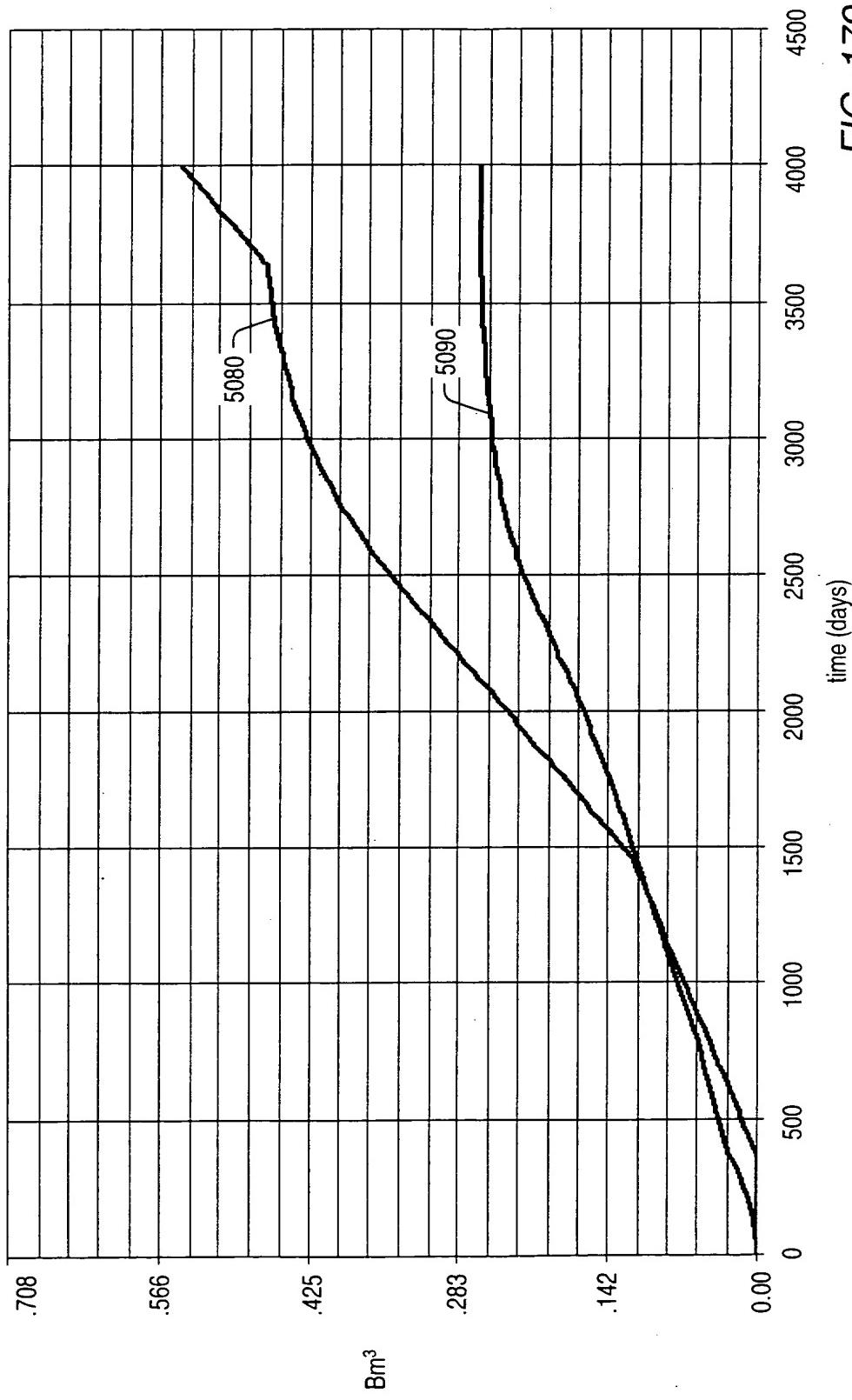


FIG. 180

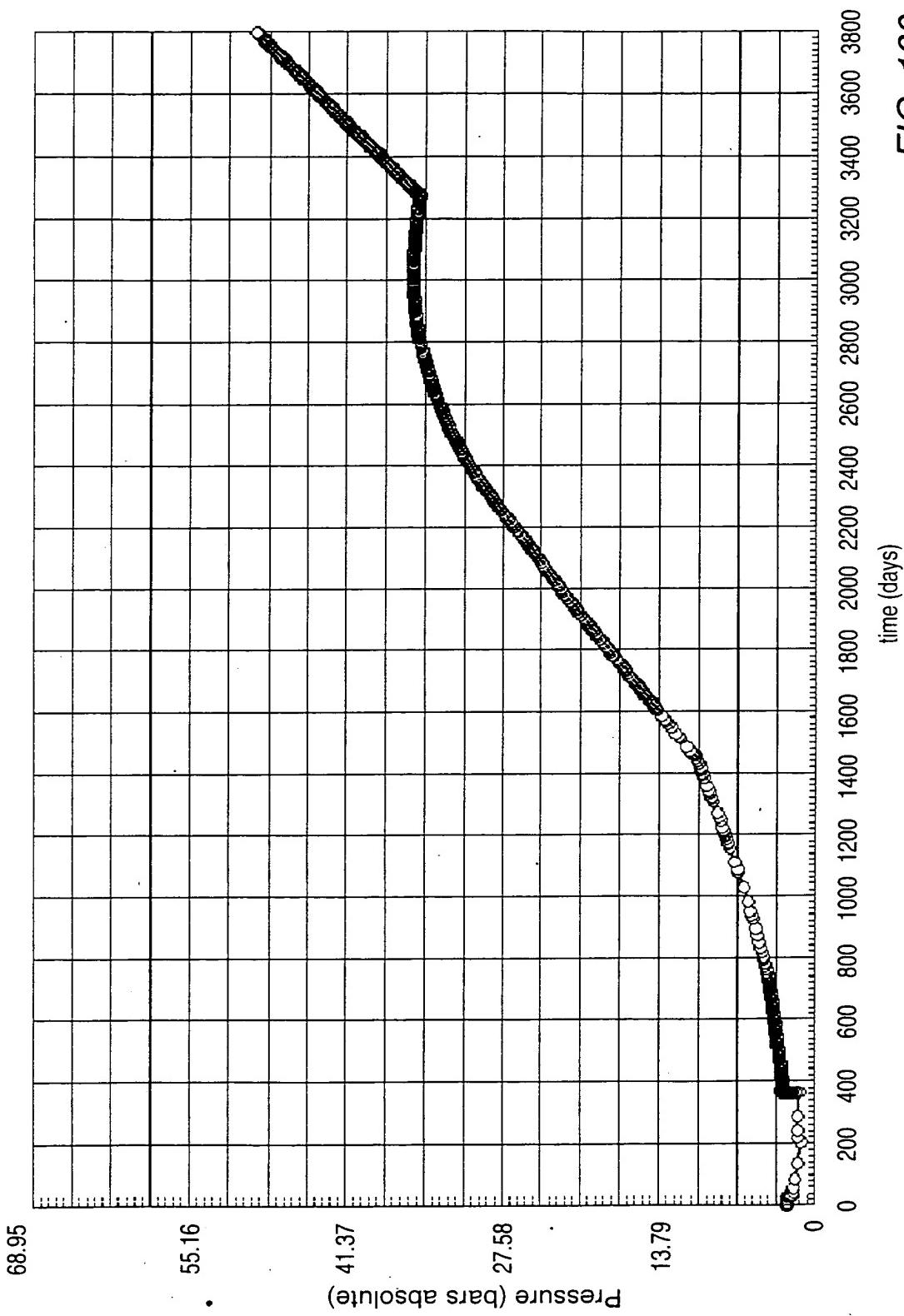
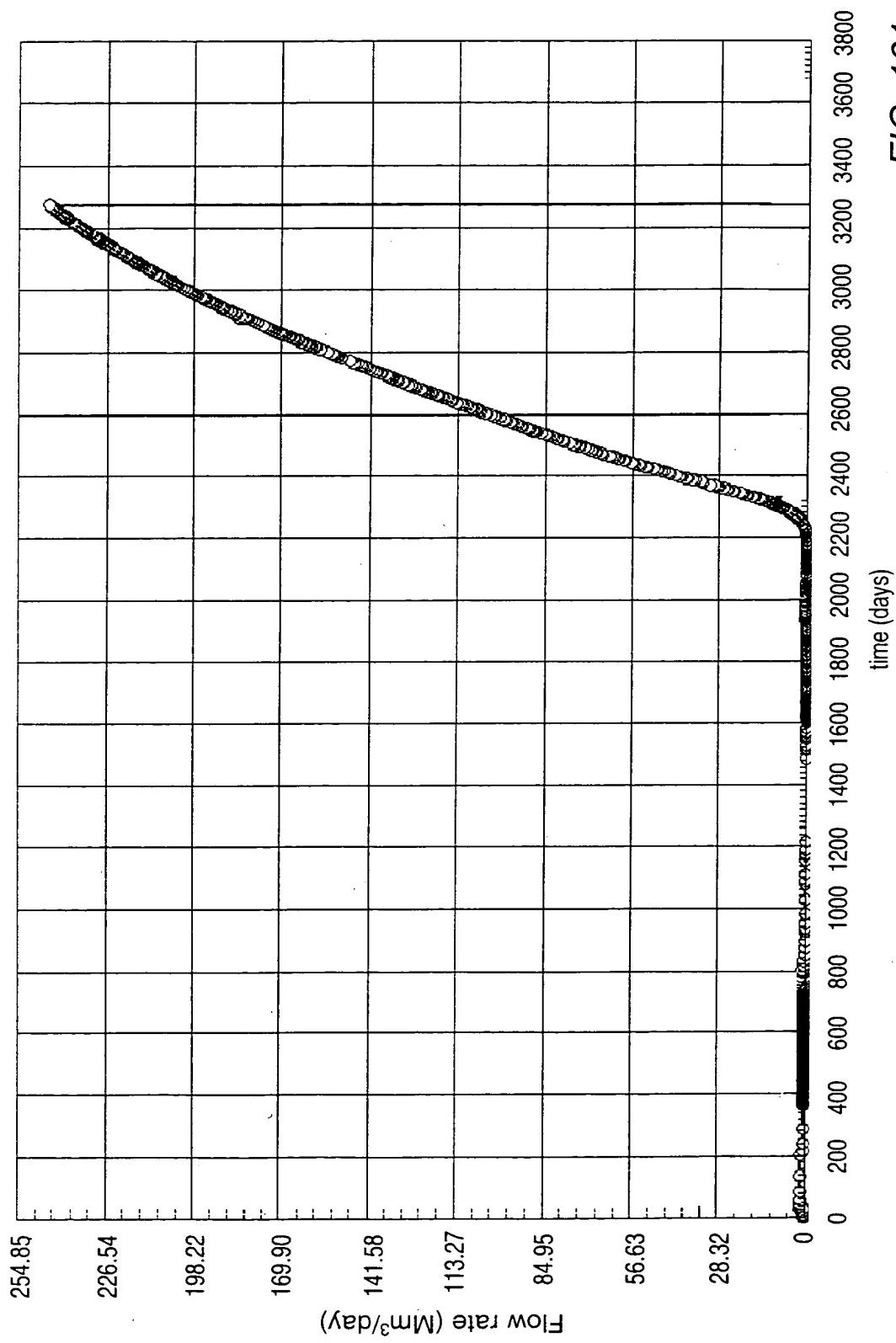


FIG. 181



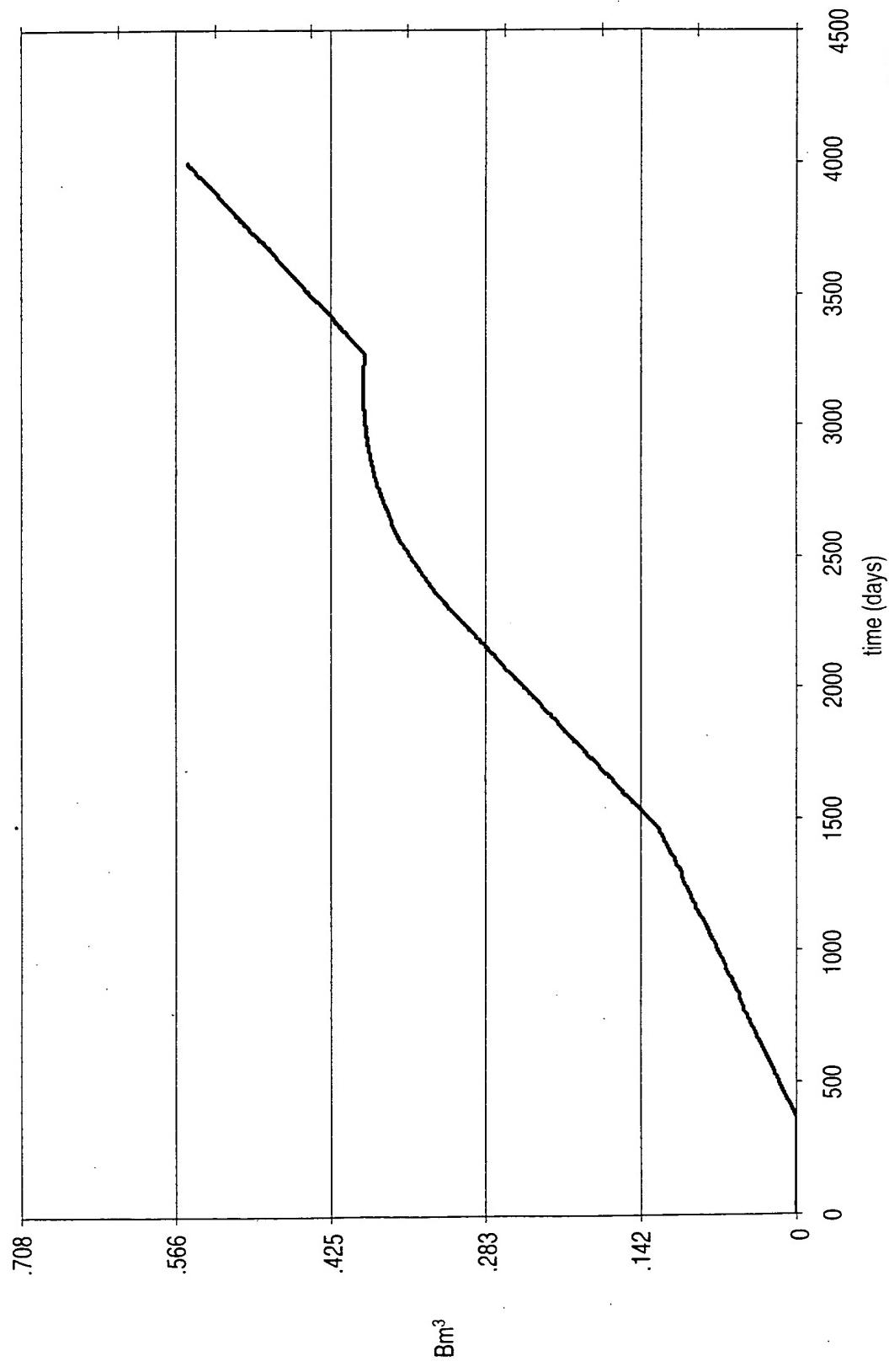


FIG. 182